

379.73 B936 1923 no.13 c1  
Famintion, Royal Bailey, 1884.  
Art education, the present  
R W B JACKSON LIBRARY

015E CIR

3 0005 00029 1834



United States. Office of Education  
Public education in Oklahoma  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1842

379.73 B936 1923 no.15 c1

Hood, William Ross, 1874-  
The Bible in the public sch  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1859

379.73 B936 1923 no.16 c1

United States. Office of Education  
Statistical survey of education  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1867

379.73 B936 1923 no.17 c1

United States. Office of Education  
Educational surveys / by Ed  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1875

379.73 B936 1923 no.18 c1

United States. Office of Education  
Medical education, 1920-192  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1883

379.73 B936 1923 no.19 c1

Works, George Alan, 1877-  
Agricultural education / by  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1891

379.73 B936 1923 no.20 c1

Boyd, Charles Newell, 1875-  
Recent advances in instruction  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1917

379.73 B936 1923 no.21 c1

Deffenbaugh, W. S. (Walter)  
Specimen junior high school  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1925

379.73 B936 1923 no.22 c1

Sweany, Mark Joseph, 1882-  
Educational work of the Kn  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1933

Dawson, Edgar, 1872-  
The social studies in civi  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1941

379.73 B936 1923 no.24 c1

Maphis, Charles Gilmore, 18  
Educational extension / by  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1958

379.73 B936 1923 no.25 c1

Ryan, W. Carson (Will Carso)  
Recent developments in education  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1966

379.73 B936 1923 no.26 c1

Young Women's Christian Association  
Educational work of the Young Women's Christian Association  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1974

379.73 B936 1923 no.27 c1

John, Walton Colcord, 1881-  
Hampton Normal and Agricultural Institute  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1982

379.73 B936 1923 no.28 c1

Bawden, William T. (William)  
Vocational education / by William T. Bawden  
R.W.B. JACKSON LIBRARY

OISE CIR



3 0005 00029 1990

ON BRANCH  
IVE LIBRARY

23 1925

T BUILDING  
ONTO



DEPARTMENT OF THE INTERIOR  
BUREAU OF EDUCATION

BULLETIN, 1923, No. 16

---

STATISTICAL SURVEY OF EDUCATION  
1919-20

By  
FLORENCE DuBOIS  
Statistician

---

[ Advance sheets from the Biennial Survey of Education in  
the United States, 1918-1920 ]



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1923

ADDITIONAL COPIES  
OF THIS PUBLICATION MAY BE PROCURED FROM  
THE SUPERINTENDENT OF DOCUMENTS  
GOVERNMENT PRINTING OFFICE  
WASHINGTON, D. C.  
AT  
10 CENTS PER COPY

---

PURCHASER AGREES NOT TO RESELL OR DISTRIBUTE THIS  
COPY FOR PROFIT.—PUB. RES. 57, APPROVED MAY 11, 1922

# STATISTICAL SURVEY OF EDUCATION, 1919-20.

Statistics of schools for the year 1919-20 have appeared in separate bulletins, as follows:

- Statistics of State School Systems, Bulletin 1922, No. 29.
- Statistics of City School Systems, Bulletin 1922, No. 17.
- Statistics of Kindergartens, Bulletin 1922, No. 22.
- Statistics of Universities, Colleges, and Professional Schools, Bulletin 1922, No. 28.
- Statistics of Teachers' Colleges and Normal Schools, Bulletin 1922, No. 8.
- Statistics of Public High Schools, Bulletin 1922, No. 37.
- Statistics of Private High Schools and Academies, Bulletin 1922, No. 9.
- Statistics of Private Business and Commercial Schools, Bulletin 1922, No. 4.
- Statistics of Nurse Training Schools, Bulletin 1921, No. 51.

The statistical survey which follows includes a general summary of the statistics, showing the enrollment in public and private schools and institutions of various types, the estimated expenditures for those schools in 1919-20, the distribution of teachers among those schools, and certain combined statistics of public and private high schools reported separately to the bureau by the high schools. It includes, also, tables showing the total enrollment by States, distributed in public and private elementary, secondary, and higher educational institutions.

Graphs have been added to portray certain statistical material from the several bulletins.

TABLE 1.—*School and college enrollment, 1919-20.*

Schools.	Public.	Private.	Total.
Kindergartens.....	481,266	29,683	510,949
Elementary (primary and grammar).....	18,897,661	1,485,561	20,383,222
Secondary (high schools and academies).....	12,186,862	184,153	2,371,015
Secondary (preparatory departments of higher institutions)....	14,416	44,893	59,309
Universities and colleges.....	166,338	238,976	405,314
Professional schools.....	15,122	42,009	57,131
Teachers' colleges and normal schools:			
Teachers' colleges.....	56,940	4,966	61,906
State schools.....	78,899	9,464	100,890
City and county schools.....	12,527		
Total.....	21,910,031	2,039,705	23,949,736
City evening schools.....	586,843		586,843
Business and commercial schools:			
Day schools.....	(2)	214,606	336,032
Night schools.....		121,426	
Nurse training schools.....		54,953	54,953
Government Indian schools.....	25,396		25,396
Schools in Alaska supported by the Government.....	3,457		3,457
Other public schools in Alaska.....	3,360		3,360
Total.....	619,056	390,985	1,010,041
Grand total.....	22,529,087	2,430,690	24,959,777

<sup>1</sup> Not including pupils in local normal schools, when separately reported.

<sup>2</sup> Included with public secondary schools.

TABLE 2.—*School enrollment and estimated cost, 1919-20.*

Classification.	Enrollment.	Estimate per capita cost.	Estimated total cost (including outlays).
Public elementary schools (including kindergartens).....	19,378,927	<sup>1</sup> \$39.12	<sup>2</sup> \$756,390,383
Public high schools.....	2,186,862	<sup>1</sup> 127.20	<sup>2</sup> 278,179,100
Private elementary schools (including kindergartens).....	1,515,214	.....	( <sup>3</sup> )
Private high schools.....	184,153	.....	( <sup>3</sup> )
Universities, colleges, and professional schools:			
Public.....	195,876	466.13	491,304,185
Private.....	325,578	456.72	4148,837,809
Teachers' colleges and normal schools:			
Teachers' colleges.....	61,906	130.96	8,107,359
State normal schools.....	78,899	190.76	15,050,611
City and county normal schools.....	12,527	126.27	1,581,726
Private normal schools.....	9,464	252.61	2,390,740
City evening schools.....	586,843	.....	( <sup>5</sup> )
Private commercial and business schools.....	336,032	.....	( <sup>5</sup> )
Nurse-training schools.....	54,953	.....	( <sup>5</sup> )
Government Indian schools.....	25,396	213.94	5,432,930
Schools in Alaska supported by the Government.....	3,457	72.22	249,688
Other public schools in Alaska.....	3,360	102.33	343,822
Total.....	24,959,777	.....	.....
Total, including only those items where enrollment and cost are both given.....	<sup>6</sup> 22,282,552	58.69	1,307,868,353

<sup>1</sup> Slightly augmented by expenses of instruction in evening schools.<sup>2</sup> Computed on basis of expenditures for elementary and secondary schools reported by 12 States, in Table 28, p. 46, Bul. 1922, No. 29, "Statistics of State School Systems, 1919-20."<sup>3</sup> No data.<sup>4</sup> Income.<sup>5</sup> Included with cost of public elementary and secondary schools.<sup>6</sup> Not including enrollment in private elementary and secondary schools, city evening schools, private commercial and business schools, and nurse-training schools.TABLE 3.—*Gifts and bequests to education, 1912-1920.*

Institutions.	1912	1914	1916	1918	1920
Universities and colleges.....	\$24,783,090	\$26,670,017	\$30,196,006	\$27,450,945	\$65,286,159
Schools of theology.....	1,680,754	1,558,281	2,257,359		
Schools of law.....	425,867	203,067	128,588		
Schools of medicine.....	1,296,288	1,495,773	2,253,598		
Public normal schools.....	479,624	607,431	758,998	40,548	34,310
Private normal schools.....	133,472	116,283	143,012	616,817	2,096,687
Private high schools.....	1,262,215	706,546	1,357,719	1,748,258	( <sup>1</sup> )
Total.....	30,061,310	31,357,398	37,095,280	29,856,568	67,417,156

<sup>1</sup> No data.TABLE 4.—*Gifts and bequests to education from 1871 to 1920.*

1871.....	\$8,593,740	1889.....	\$6,942,058	1906.....	\$23,347,070
1872.....	10,072,540	1890.....	8,011,019	1907.....	28,585,780
1873.....	11,225,977	1891.....	8,519,233	1908.....	21,763,421
1874.....	6,053,804	1892.....	8,721,902	1909.....	21,192,450
1875.....	4,126,562	1893.....	8,207,690	1910.....	24,755,663
1876.....	4,691,845	1894.....	10,855,365	1911.....	27,634,029
1877.....	3,015,256	1895.....	8,240,876	1912.....	30,061,310
1878.....	3,103,289	1896.....	11,677,048	1913.....	29,651,879
1879.....	5,249,810	1897.....	10,049,141	1914.....	31,357,398
1880.....	5,518,501	1898.....	10,981,209	1915.....	26,023,246
1881.....	7,440,224	1899.....	25,332,792	1916.....	37,095,280
1883.....	7,141,363	1900.....	15,066,561	1918.....	29,856,568
1884.....	11,270,286	1901.....	21,158,400	1920.....	67,417,156
1885.....	9,314,081	1902.....	20,348,739		
1886.....	5,976,168	1903.....	17,915,075	Total, excluding	
1887.....	7,512,910	1904.....	17,261,375	1882, 1917, and	
1888.....	6,646,368	1905.....	21,827,875	1919.....	744,810,332



TABLE 5.—*Distribution of teachers for four periods.*

Teachers in—	1890			1900			1910			1920		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Public elementary schools.....	121,877	232,925	354,802	116,416	286,274	402,690	91,591	389,952	481,543	63,024	513,222	576,246
Public high schools.....	3,648	5,472	9,120	10,172	10,260	20,372	18,890	22,777	41,667	32,386	69,572	101,958
Private elementary schools (estimated).....	6,807	15,199	22,006	6,648	19,768	26,416	5,171	29,572	34,743	6,322	38,977	45,299
Private high schools.....	3,272	3,937	7,209	4,275	5,842	10,117	4,512	6,634	11,146	5,698	9,248	14,946
Universities and colleges:												
Preparatory departments.....				2,433	1,008	3,441	2,716	1,216	3,932	2,714	1,568	4,282
Collegiate departments.....	5,080	1,083	6,163	8,450	949	9,399	13,428	1,549	14,977	21,644	6,469	28,113
Other departments.....										982	1,239	2,221
Colleges for women:												
Preparatory departments.....				703	1,754	2,457	{	525	616			( <sup>1</sup> )
Collegiate departments.....	595	1,700	2,295				623	1,681	2,304			( <sup>1</sup> )
Professional schools:												
Theology.....	744		744	994		994	1,453		1,453			
Law.....	346		346	1,004		1,004	1,534		1,534			
Medicine.....	2,851		2,851	4,483		4,483	7,586		7,586			
Dentistry.....	541		541	1,118		1,118	1,546		1,546	10,603	312	10,915
Pharmacy.....	183		183	493		493	815		815			
Veterinary medicine.....	93		93	185		185	351		351			
Teachers' colleges and normal schools, public:												
Normal department.....				935	1,236	2,171	1,105	2,080	3,185	2,963	5,161	8,124
Other departments.....				133	611	744	587	1,042	1,629			
Teachers' colleges and normal schools, private:												
Normal department.....				535	382	917	255	320	575	597	866	1,463
Other departments.....				135	283	418	248	277	525			
Commercial and business schools.....	1,133	460	1,593	1,413	699	2,112	1,736	1,200	2,936	2,976	3,189	6,165
Schools for defectives and delinquents.....	564	962	1,526	813	1,650	2,463	1,134	2,352	3,486	2,165	2,744	3,909
Indian and Alaskan schools.....	644	965	1,609	1,189	1,793	2,982	1,702	2,456	4,158	141	652	793
Kindergartens:												
Public.....				1,350	7,150	8,500	1,500	8,000	9,500			
Private.....	1,050	4,950	6,000									
Total.....	149,428	267,653	418,890	163,999	339,599	503,598	158,574	471,633	630,207	151,215	663,958	812,524

<sup>1</sup> Included in universities and colleges.

<sup>2</sup> Figures for 1918.

<sup>3</sup> Does not include 1,832 men and 817 women, duplicates, in universities, colleges, and professional schools.

TABLE 6.—Percentage distribution of pupils and students, 1919-20.

States.	Per cent of the whole number of pupils in—			Per cent receiving public instruction in—			Per cent of the total population enrolled in—			
	Elementary schools.	Secondary schools.	Higher institutions.	Elementary schools.	Secondary schools.	Higher institutions.	Elementary schools.	Secondary schools.	Higher institutions.	All elementary, secondary, and higher institutions.
1	2	3	4	5	6	7	8	9	10	11
Continental United States.....	87.2	10.2	2.6	88.4	10.0	1.6	19.8	2.3	0.6	22.7
Alabama.....	92.0	6.7	1.3	92.8	6.2	1.0	23.4	1.7	.3	25.4
Arizona.....	90.3	7.6	2.1	90.0	7.6	2.4	22.0	1.9	.5	24.4
Arkansas.....	93.2	6.1	.7	93.8	5.8	.4	26.1	1.7	.2	28.0
California.....	74.0	22.7	3.3	75.0	22.9	2.1	16.2	5.0	.7	21.9
Colorado.....	86.2	11.2	2.6	86.6	11.0	2.4	21.2	2.7	.7	24.6
Connecticut.....	87.1	11.2	1.7	87.9	11.8	.3	20.6	2.6	.4	23.6
Delaware.....	91.2	7.7	1.1	90.9	7.8	1.3	17.9	1.5	.3	19.7
Dist. Columbia.....	76.7	12.3	11.0	84.5	12.9	2.6	15.2	2.5	2.3	19.9
Florida.....	93.3	6.0	.7	93.8	5.6	.6	22.6	1.4	.8	24.2
Georgia.....	91.4	7.3	1.3	92.8	6.6	.6	22.7	1.8	.3	24.8
Idaho.....	85.9	12.2	1.9	86.8	11.5	1.7	23.9	3.4	.5	27.8
Illinois.....	86.5	10.0	3.5	87.4	11.1	1.5	18.8	2.2	.8	21.8
Indiana.....	83.2	13.5	3.3	84.7	13.6	1.7	17.6	2.9	.7	21.2
Iowa.....	86.0	10.5	3.5	87.7	10.1	2.2	20.4	2.5	.8	23.7
Kansas.....	82.3	13.8	3.9	83.3	13.8	2.9	20.8	3.5	1.0	25.3
Kentucky.....	93.4	5.3	1.3	94.7	4.4	.9	21.7	1.2	.3	23.2
Louisiana.....	91.7	7.1	1.2	92.6	6.7	.7	19.7	1.5	.3	21.5
Maine.....	82.7	15.3	2.0	84.9	13.8	1.3	17.0	3.1	.4	20.5
Maryland.....	89.4	7.2	3.4	92.0	6.6	1.4	17.2	1.4	.7	19.3
Massachusetts.....	82.3	13.5	4.2	84.6	14.9	.5	16.8	2.8	.9	20.5
Michigan.....	85.8	11.4	2.8	85.4	11.9	2.6	18.6	2.5	.6	21.7
Minnesota.....	84.5	12.3	3.2	85.1	12.2	2.7	20.3	2.9	.8	24.0
Mississippi.....	92.9	6.0	1.1	93.7	5.4	.9	22.1	1.4	.3	23.8
Missouri.....	86.7	10.3	3.0	87.7	10.3	2.0	19.1	2.3	.7	22.1
Montana.....	86.6	11.9	1.5	87.0	11.5	1.5	20.9	2.9	.4	24.2
Nebraska.....	86.9	9.7	3.4	87.4	9.9	2.7	23.2	2.6	.9	26.7
Nevada.....	82.6	14.5	2.9	82.4	14.7	2.9	15.7	2.8	.5	19.0
New Hampshire.....	84.1	12.1	3.8	85.4	12.1	2.5	17.3	2.5	.8	20.6
New Jersey.....	89.5	9.7	.8	90.2	9.5	.3	18.2	1.9	.2	20.3
New Mexico.....	91.9	4.9	3.2	91.8	4.6	3.6	22.6	1.2	.8	24.6
New York.....	84.7	12.0	3.3	86.1	12.7	1.2	16.6	2.4	.6	19.6
North Carolina.....	93.2	5.4	1.4	94.8	4.5	.7	26.5	1.5	.4	28.4
North Dakota.....	90.2	7.3	2.5	90.7	7.1	2.2	25.1	2.0	.7	27.8
Ohio.....	81.9	11.9	3.2	85.4	12.6	2.0	17.2	2.4	.6	20.2
Oklahoma.....	90.3	7.2	2.5	90.5	7.1	2.4	27.3	2.2	.8	30.3
Oregon.....	78.7	16.3	5.0	79.9	16.0	4.1	16.6	3.5	1.0	21.1
Pennsylvania.....	88.8	8.7	2.5	90.8	8.4	.8	18.1	1.8	.5	20.4
Rhode Island.....	88.8	9.3	1.9	89.5	9.7	.8	17.2	1.8	.4	19.4
South Carolina.....	92.4	6.4	1.2	93.2	6.0	.8	27.1	1.9	.3	29.3
South Dakota.....	86.3	10.3	3.4	87.4	9.8	2.8	21.3	2.5	.9	24.7
Tennessee.....	92.2	6.3	1.5	94.0	5.5	.5	25.9	1.8	.4	28.1
Texas.....	87.2	10.6	2.2	88.2	10.3	1.5	20.2	2.5	.5	23.2
Utah.....	83.3	14.5	2.2	85.8	12.3	1.9	23.6	4.1	.6	28.3
Vermont.....	81.4	16.0	2.6	83.5	14.7	1.8	16.5	3.3	.5	20.3
Virginia.....	90.4	6.9	2.7	92.3	6.0	1.7	20.9	1.6	.6	23.1
Washington.....	81.7	14.7	3.6	82.2	14.5	3.3	18.8	3.4	.8	23.0
West Virginia.....	92.0	6.4	1.6	92.6	6.1	1.3	22.4	1.6	.4	24.4
Wisconsin.....	84.9	11.2	3.9	84.4	12.2	3.4	18.2	2.4	.8	21.4
Wyoming.....	88.7	10.4	.9	88.6	10.6	.8	20.4	2.4	.2	23.0
Outlying possessions:										
Alaska.....	89.7	10.3	.....	89.7	10.3	.....	5.5	.6	.....	6.1
Canal Zone.....	93.1	6.9	.....	93.1	6.9	.....	14.2	1.1	.....	15.3
Hawaii.....	94.0	4.8	1.2	93.9	4.7	1.4	18.2	.9	.2	19.3
Philippine Islands.....	97.7	2.3	.....	97.6	2.4	.....	9.1	.2	.....	9.3
Porto Rico.....	97.4	2.3	.3	97.4	2.3	.3	14.0	.3	.0	14.3

TABLE 7.—*Pupils and students in elementary schools, in secondary schools, and in higher educational institutions, public and private, 1919-20—PART I.*

States.	Pupils receiving elementary instruction. <sup>1</sup>		Pupils receiving secondary instruction.		Students receiving higher instruction.	
	Public.	Private (largely estimated).	Public. <sup>2</sup>	Private.	Public.	Private.
1	2	3	4	5	6	7
Continental United States.....	19,378,927	1,515,244	2,201,278	229,046	<sup>3</sup> 329,826	<sup>3</sup> 295,415
Alabama.....	534,507	15,142	35,586	4,149	5,597	2,312
Arizona.....	70,587	2,941	5,918	244	1,747	.....
Arkansas.....	455,362	2,002	27,962	1,868	2,007	1,309
California.....	533,588	21,373	163,377	6,865	14,417	9,840
Colorado.....	195,828	3,087	24,903	854	5,456	604
Connecticut.....	230,504	53,181	30,925	5,496	858	4,650
Delaware.....	35,438	4,531	3,045	310	498	.....
Dist. Columbia.....	56,526	10,086	8,614	2,057	1,757	7,837
Florida.....	212,465	6,396	12,733	1,260	1,282	512
Georgia.....	645,790	10,262	45,601	6,614	4,590	5,022
Idaho.....	101,994	1,238	13,550	1,168	1,917	405
Illinois.....	999,866	220,835	127,024	14,581	16,862	32,723
Indiana.....	487,772	28,331	78,390	5,119	9,547	11,181
Iowa.....	462,554	26,595	53,101	6,820	11,602	8,392
Kansas.....	349,352	18,163	57,872	3,795	12,203	5,073
Kentucky.....	451,841	11,718	23,504	5,995	4,945	2,649
Louisiana.....	329,999	23,917	24,043	3,293	2,251	2,578
Maine.....	118,456	11,907	19,214	4,892	1,787	1,434
Maryland.....	225,090	24,901	16,260	3,889	3,442	6,115
Massachusetts.....	530,200	119,055	93,378	13,500	3,298	29,840
Michigan.....	605,877	76,197	84,438	6,539	18,886	3,124
Minnesota.....	442,221	42,093	63,187	7,078	14,367	4,296
Mississippi.....	390,886	5,773	22,661	3,045	3,779	775
Missouri.....	600,579	50,468	70,280	6,998	14,050	8,582
Montana.....	112,059	2,822	14,763	1,019	2,048	.....
Nebraska.....	280,639	20,366	31,693	1,771	8,900	2,942
Nevada.....	11,980	163	2,134	.....	430	.....
New Hampshire.....	56,220	20,534	7,985	3,022	1,654	1,851
New Jersey.....	538,088	35,453	56,589	5,438	1,610	3,986
New Mexico.....	77,529	3,887	4,051	291	2,882	.....
New York.....	1,500,252	224,996	220,475	24,464	21,225	45,343
North Carolina.....	660,381	18,500	31,103	8,305	5,496	4,591
North Dakota.....	156,717	5,587	12,262	801	3,831	761
Ohio.....	886,775	103,042	130,952	8,056	21,183	15,740
Oklahoma.....	546,913	7,981	43,057	1,166	14,442	1,058
Oregon.....	125,778	4,456	25,250	1,786	6,351	1,758
Pennsylvania.....	1,472,492	109,215	136,784	17,734	12,025	32,955
Rhode Island.....	84,382	19,910	9,119	1,812	800	1,395
South Carolina.....	449,362	7,332	28,759	2,718	3,897	2,084
South Dakota.....	132,221	3,658	14,896	1,267	4,230	1,198
Tennessee.....	585,822	19,164	34,030	7,021	3,150	6,792
Texas.....	927,869	14,941	108,253	6,057	15,684	8,217
Utah.....	108,276	2,727	14,800	3,607	2,244	557
Vermont.....	52,520	5,734	9,265	2,208	1,144	669
Virginia.....	474,271	8,793	30,919	6,186	8,390	5,594
Washington.....	247,688	6,928	43,774	2,111	9,845	1,377
West Virginia.....	324,808	3,706	21,448	1,398	4,490	1,392
Wisconsin.....	405,467	73,917	58,739	4,328	15,992	5,947
Wyoming.....	38,636	1,000	4,612	51	375	.....
Outlying possessions:						
Alaska.....	3,013	.....	347	.....	.....	.....
Canal Zone.....	3,244	.....	242	.....	.....	.....
Hawaii.....	39,400	7,174	1,950	399	594	5
Philippine Islands.....	913,327	27,261	22,351	.....	.....	.....
Porto Rico.....	176,576	5,117	4,122	151	644	.....

<sup>1</sup> Including kindergarten pupils.<sup>2</sup> Not including pupils in local normal schools when separately reported.<sup>3</sup> Includes students in normal schools in Hawaii.<sup>4</sup> Figures for 1919.

TABLE 7.—*Pupils and students in elementary schools, in secondary schools, and in higher educational institutions, public and private, 1919-20—PART II.*

States.	Summary by grades.			Summary according to control.		Grand total.
	Elementary	Secondary	Higher.	Public.	Private.	
1	2	3	4	5	6	7
Continental United States...	20,894,171	2,430,324	1,625,241	121,910,031	12,039,705	123,949,736
Alabama.....	549,649	39,735	7,909	575,690	21,603	597,293
Arizona.....	73,528	6,162	1,747	78,252	3,185	81,437
Arkansas.....	457,361	29,830	3,316	485,331	5,179	490,510
California.....	554,961	170,242	24,257	711,382	38,078	749,460
Colorado.....	198,915	25,757	6,060	226,187	4,545	230,732
Connecticut.....	283,685	36,421	5,508	262,287	63,327	325,614
Delaware.....	39,969	3,355	498	38,981	4,841	43,822
District of Columbia.....	66,612	10,671	9,594	66,897	19,980	86,877
Florida.....	218,861	13,993	1,794	226,480	8,168	234,648
Georgia.....	656,052	52,215	9,612	695,981	21,898	717,879
Idaho.....	103,232	14,718	2,322	117,461	2,811	120,272
Illinois.....	1,220,701	141,605	49,585	1,143,752	268,139	1,411,891
Indiana.....	516,103	83,509	20,728	575,709	44,631	620,340
Iowa.....	489,149	59,921	19,994	527,257	41,807	569,064
Kansas.....	367,513	61,667	17,276	419,427	27,031	446,458
Kentucky.....	523,559	29,499	7,594	540,290	20,362	560,652
Louisiana.....	353,916	27,336	4,829	356,293	29,788	386,081
Maine.....	130,363	24,106	3,221	139,457	18,233	157,690
Maryland.....	249,991	20,149	9,557	244,792	34,905	279,697
Massachusetts.....	649,255	106,878	33,138	626,876	162,395	789,271
Michigan.....	682,374	90,977	22,010	709,201	86,160	795,361
Minnesota.....	484,254	70,265	18,663	519,775	53,407	573,182
Mississippi.....	396,159	25,706	4,554	416,826	9,593	426,419
Missouri.....	651,047	77,278	22,632	684,909	66,048	750,957
Montana.....	114,881	15,782	2,048	128,870	3,841	132,711
Nebraska.....	301,005	33,464	11,842	321,232	25,079	346,311
Nevada.....	12,143	2,134	430	14,544	163	14,707
New Hampshire.....	76,754	11,067	3,505	63,859	25,407	91,266
New Jersey.....	573,541	62,027	5,596	596,287	44,877	641,164
New Mexico.....	81,416	4,342	2,882	84,462	4,178	88,640
New York.....	1,725,248	244,939	66,568	1,741,952	294,803	2,036,755
North Carolina.....	678,881	39,408	10,027	696,920	31,396	728,316
North Dakota.....	162,304	13,063	4,592	172,810	7,149	179,959
Ohio.....	989,817	139,008	36,923	1,038,910	126,838	1,165,748
Oklahoma.....	554,894	44,223	15,500	604,412	10,205	614,617
Oregon.....	130,234	27,036	8,109	157,379	8,000	165,379
Pennsylvania.....	1,581,707	154,518	44,980	1,621,301	159,904	1,781,205
Rhode Island.....	104,292	10,931	2,195	94,301	23,117	117,418
South Carolina.....	456,694	31,477	5,931	482,018	12,084	494,102
South Dakota.....	135,879	16,163	5,428	151,347	6,123	157,470
Tennessee.....	604,986	41,051	9,942	623,002	32,977	655,979
Texas.....	942,810	114,310	23,901	1,051,806	29,215	1,081,021
Utah.....	106,003	18,407	2,801	120,320	6,891	127,211
Vermont.....	58,254	11,473	1,813	62,929	8,611	71,540
Virginia.....	483,064	37,105	13,984	513,580	20,573	534,153
Washington.....	254,616	45,885	11,222	301,307	10,416	311,723
West Virginia.....	328,514	22,846	5,882	350,746	6,496	357,242
Wisconsin.....	479,384	63,067	21,939	480,198	84,192	564,390
Wyoming.....	39,636	4,663	375	43,623	1,051	44,674
Outlying possessions:						
Alaska.....	3,013	347	.....	3,360	.....	3,360
Canal Zone.....	3,244	242	.....	3,486	.....	3,486
Hawaii.....	46,574	2,349	595	41,944	7,578	49,522
Philippine Islands.....	940,588	22,351	.....	935,678	27,261	962,939
Porto Rico.....	181,693	4,273	644	181,342	5,268	186,610

¹ Includes students in normal schools in Hawaii.

TABLE 7.—*Pupils and students in elementary schools, in secondary schools, and in higher educational institutions, public and private, 1919-20—PART III.*

States.	Pupils receiving secondary instruction.						
	In high schools and academies.		In universities, colleges, and professional schools.		Total.		
	Public. <sup>1</sup>	Private.	Public.	Private.	Public.	Private.	Total.
1	2	3	4	5	6	7	8
Continental United States.	2,186,862	184,153	14,416	44,893	2,201,278	229,046	2,430,324
Alabama.....	35,387	3,022	199	1,127	35,586	4,149	39,735
Arizona.....	5,918	244	.....	.....	5,918	244	6,162
Arkansas.....	27,810	1,086	152	782	27,962	1,868	29,830
California.....	162,650	5,567	727	1,298	163,377	6,865	170,242
Colorado.....	24,404	854	499	.....	24,903	854	25,757
Connecticut.....	30,874	5,496	51	.....	30,925	5,496	36,421
Delaware.....	3,045	310	.....	.....	3,045	310	3,355
District of Columbia.....	8,581	2,057	33	.....	8,614	2,057	10,671
Florida.....	12,095	932	38	328	12,733	1,260	13,993
Georgia.....	45,128	4,030	473	2,584	45,601	6,614	52,215
Idaho.....	13,198	1,135	352	33	13,550	1,168	14,718
Illinois.....	127,024	10,048	.....	4,533	127,024	14,581	141,605
Indiana.....	78,390	3,076	.....	2,043	78,390	5,119	83,509
Iowa.....	51,950	4,821	1,151	1,999	53,101	6,820	59,921
Kansas.....	57,528	2,582	344	1,213	57,572	3,795	61,667
Kentucky.....	23,423	3,719	81	2,276	23,504	5,995	29,499
Louisiana.....	23,943	2,897	100	396	24,043	3,293	27,336
Maine.....	19,214	4,892	.....	.....	19,214	4,892	24,106
Maryland.....	16,211	2,769	49	1,120	16,260	3,889	20,149
Massachusetts.....	93,140	11,868	238	1,632	93,378	13,500	106,878
Michigan.....	84,438	6,059	.....	480	84,438	6,539	90,977
Minnesota.....	61,376	6,051	1,811	1,027	63,187	7,078	70,265
Mississippi.....	22,284	2,737	377	308	22,661	3,045	25,706
Missouri.....	70,155	4,498	125	2,500	70,280	6,998	77,278
Montana.....	14,517	1,019	246	.....	14,763	1,019	15,782
Nebraska.....	31,182	1,269	511	502	31,693	1,771	33,464
Nevada.....	2,134	.....	.....	.....	2,134	.....	2,134
New Hampshire.....	7,985	3,022	.....	.....	7,985	3,022	11,007
New Jersey.....	56,589	5,153	.....	285	56,589	5,438	62,027
New Mexico.....	3,870	291	181	.....	4,051	291	4,342
New York.....	217,516	21,567	2,959	2,897	220,475	24,464	244,939
North Carolina.....	30,862	7,170	241	1,135	31,103	8,305	39,408
North Dakota.....	11,566	738	696	63	12,262	801	13,063
Ohio.....	130,952	5,922	.....	2,134	130,952	8,056	139,008
Oklahoma.....	42,369	806	688	360	43,057	1,166	44,223
Oregon.....	25,250	1,595	.....	191	25,250	1,786	27,036
Pennsylvania.....	136,784	14,994	.....	2,740	136,784	17,734	154,518
Rhode Island.....	9,119	1,812	.....	.....	9,119	1,812	10,931
South Carolina.....	28,664	2,340	95	378	28,759	2,718	31,477
South Dakota.....	14,734	946	162	321	14,896	1,267	16,163
Tennessee.....	34,030	4,799	.....	2,222	34,030	7,021	41,051
Texas.....	107,779	3,270	474	2,787	108,253	6,057	114,310
Utah.....	14,130	3,491	670	116	14,800	3,607	18,407
Vermont.....	9,265	2,098	.....	110	9,265	2,208	11,473
Virginia.....	30,919	5,014	.....	1,172	30,919	6,186	37,105
Washington.....	43,365	1,637	409	474	43,774	2,111	45,885
West Virginia.....	21,448	1,170	.....	228	21,448	1,398	22,846
Wisconsin.....	58,591	3,229	148	1,099	58,739	4,328	63,067
Wyoming.....	4,476	51	136	.....	4,612	51	4,663
Outlying possessions:							
Alaska.....	347	.....	.....	.....	347	.....	347
Canal Zone.....	242	.....	.....	.....	242	.....	242
Hawaii.....	1,950	399	.....	.....	1,950	399	2,349
Philippine Islands.....	22,351	.....	.....	.....	22,351	.....	22,351
Porto Rico.....	3,882	151	240	.....	4,122	151	4,273

<sup>1</sup> Not including pupils in local normal schools, when separately reported.

TABLE 7.—*Pupils and students of all grades in both public and private schools and colleges, 1919-20—PART IV.*

States.	Pupils receiving higher instruction.						
	In universities, colleges, and professional schools.		In teachers' colleges and normal schools.		Total.		
	Public.	Private.	Public.	Private.	Public.	Private.	Total.
1	2	3	4	5	6	7	8
Continental United States..	181,160	280,985	148,366	14,430	1329,826	1295,415	1625,241
Alabama.....	2,738	1,392	2,859	920	5,597	2,312	7,909
Arizona.....	1,088	.....	8,659	.....	1,747	.....	1,747
Arkansas.....	898	1,309	1,109	.....	2,007	1,309	3,316
California.....	12,016	9,739	2,401	101	14,417	9,840	24,257
Colorado.....	3,108	604	2,348	.....	5,456	604	6,060
Connecticut.....	289	4,287	569	363	858	4,650	5,508
Delaware.....	498	.....	.....	.....	498	.....	498
Dist. Columbia.....	1,566	7,802	191	35	1,757	7,837	9,594
Florida.....	1,282	497	.....	15	1,282	512	1,794
Georgia.....	2,777	5,022	1,813	.....	4,590	5,022	9,612
Idaho.....	834	405	1,083	.....	1,917	405	2,322
Illinois.....	8,624	31,781	8,238	942	16,862	32,723	49,585
Indiana.....	6,564	8,213	2,983	2,968	9,547	11,181	20,728
Iowa.....	7,444	8,392	4,158	.....	11,602	8,392	19,994
Kansas.....	6,140	5,073	6,063	.....	12,203	5,073	17,276
Kentucky.....	1,781	2,582	3,164	67	4,945	2,649	7,594
Louisiana.....	1,028	2,578	1,223	.....	2,251	2,578	4,829
Maine.....	1,213	1,434	574	.....	1,787	1,434	3,221
Maryland.....	2,527	6,067	915	48	3,442	6,115	9,557
Massachusetts.....	519	28,945	2,779	895	3,298	29,840	33,138
Michigan.....	11,408	2,929	7,478	195	18,886	3,124	22,010
Minnesota.....	10,398	3,974	3,969	322	14,367	4,296	18,663
Mississippi.....	2,736	775	1,043	.....	3,779	775	4,554
Missouri.....	5,222	8,472	8,828	110	14,050	8,582	22,632
Montana.....	1,481	.....	567	.....	2,048	.....	2,048
Nebraska.....	5,248	2,827	3,652	115	8,900	2,942	11,842
Nevada.....	430	.....	.....	.....	430	.....	430
New Hampshire.....	817	1,851	837	.....	1,654	1,851	3,505
New Jersey.....	.....	3,950	1,610	36	1,610	3,986	5,596
New Mexico.....	825	.....	2,057	.....	2,882	.....	2,882
New York.....	11,777	44,946	9,448	397	21,225	45,343	66,568
North Carolina.....	3,336	4,173	2,100	418	5,436	4,591	10,027
North Dakota.....	1,257	761	2,574	.....	3,831	761	4,592
Ohio.....	14,207	15,358	6,976	382	21,183	15,740	36,923
Oklahoma.....	4,081	1,058	10,361	.....	14,442	1,058	15,500
Oregon.....	5,614	1,522	737	236	6,351	1,758	8,109
Pennsylvania.....	3,294	32,653	8,731	302	12,025	32,955	44,980
Rhode Island.....	343	1,395	457	.....	800	1,395	2,195
South Carolina.....	2,979	2,034	918	.....	3,897	2,034	5,931
South Dakota.....	1,649	963	2,581	235	4,230	1,198	5,428
Tennessee.....	1,098	4,045	2,052	2,747	3,150	6,792	9,942
Texas.....	7,209	8,211	8,475	6	15,684	8,217	23,901
Utah.....	2,244	16	.....	541	2,244	557	2,801
Vermont.....	864	669	280	.....	1,144	669	1,813
Virginia.....	3,746	4,256	4,644	1,338	8,390	5,594	13,984
Washington.....	7,005	860	2,840	517	9,845	1,377	11,222
West Virginia.....	1,737	1,218	2,753	174	4,490	1,392	5,882
Wisconsin.....	7,146	5,947	8,846	.....	15,992	5,947	21,939
Wyoming.....	375	.....	.....	.....	375	.....	375
Outlying possessions:							
Hawaii.....	171	.....	423	5	594	5	559
Porto Rico.....	644	.....	.....	.....	644	.....	644

1 Includes students in normal schools in Hawaii.

# SCHOOL ATTENDANCE BY YEARS OF AGE.

Attendance at public and private schools in 1920 was more general among children 11 years of age than among persons of any other age. Statistics of population and school attendance by years of age from

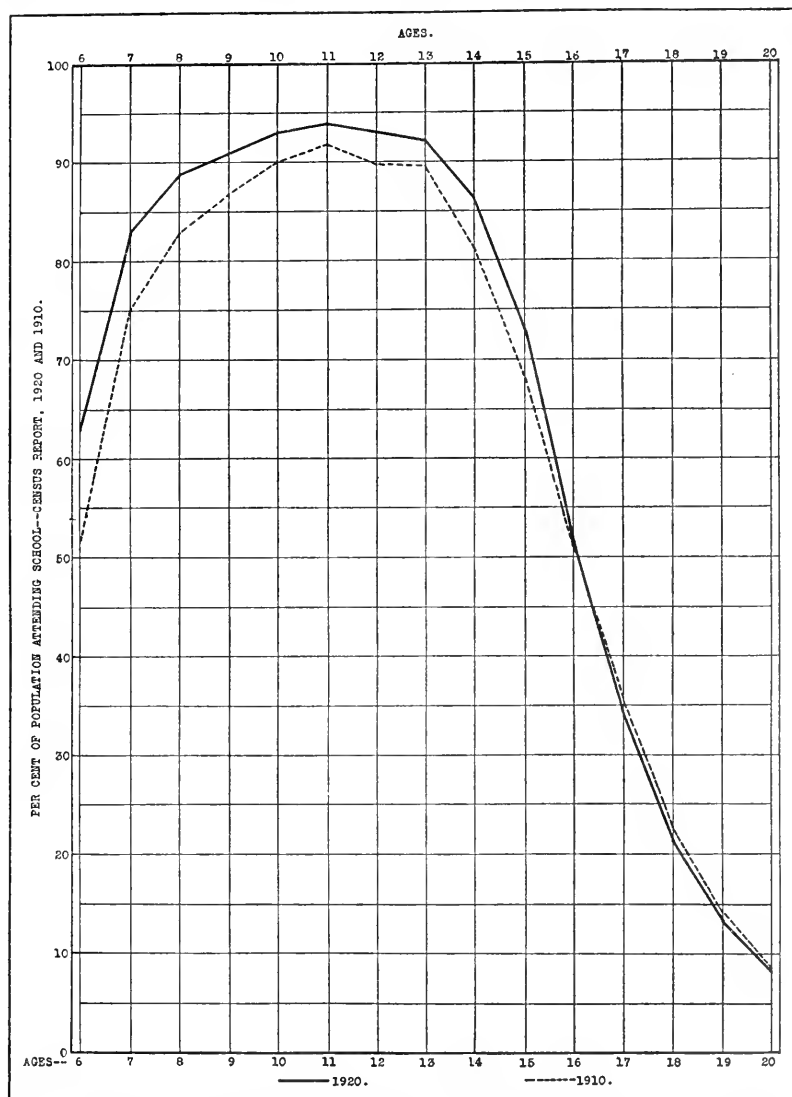


FIG. 1.—Per cent of children attending school at the various ages in 1920 and in 1910. (Taken from the report of the Bureau of the Census.)

5 to 20, taken from reports of the Bureau of the Census, are contained in Table 49 of the bulletin on State School Systems. The per cent of attendance for each year of age in 1920 given in that table and the corresponding per cent for 1910 taken from reports to the Bureau of the Census for that year are shown by the curves in Figure 1.

Among children 12 years old in 1920 attendance was a trifle more general than among children 10 years old, and among those aged 13 a little more general than among those aged 9. The increase in proportion of children attending school between the ages of 6 and 16, which is evident by comparing the curves for 1920 and 1910, is probably due to improvements in legislation regarding compulsory school attendance and in enforcement of existing laws. For ages 16 to 20 the curves vary but slightly, with some decrease in per cent of attendance in 1920 compared with 1910.

### STATE SCHOOL SYSTEMS.

The per cent of all pupils in public elementary and secondary schools who were enrolled in high schools in 1920 was 10.2, as compared with 6.7 per cent in 1915 and 5.1 per cent in 1910.

The average number of days attended by each pupil enrolled was the same in 1920 as in 1915, namely, 121.2 days. In 1910 the average number was 113 days.

The per cent of school population in daily attendance, as shown in Figure 4, was computed from the number of pupils in average daily attendance as shown in Table 7 of the bulletin on State school systems. The term "pupils attending" refers wherever used to "pupils in average daily attendance."

In Figure 6 is shown a comparison of the length of term provided for white pupils with the length of term provided for colored pupils in public elementary and secondary schools in certain States which reported separately statistics of schools for white children and of schools for colored children. The graph shows, also, the average number of days attended in schools for each race. The statistics on which the graph is based are found in Table 37 of the bulletin on State school systems. The States have been ranked according to the length of term provided in schools for white pupils.

Data for Figure 7 regarding the per cent of men teachers in public elementary and secondary schools in 1920 and 1910 are found in Table 12 of the bulletin on State school systems. The comparison of the per cents for the two years shown in Figure 7 is not strictly accurate, in that principals and supervisors were included with teachers in 1910, but were reported separately by some States in 1920. In 1910, therefore, the number of men principals and supervisors was included with the number of men teachers. For purposes of comparison with 1910 it was not possible for the year 1920 to add to the number of men teachers the number of principals and supervisors who were men, since principals and supervisors were not reported as to sex. The total number of principals and supervisors reported in 1920 is shown in Table 10 of the bulletin on State school systems.



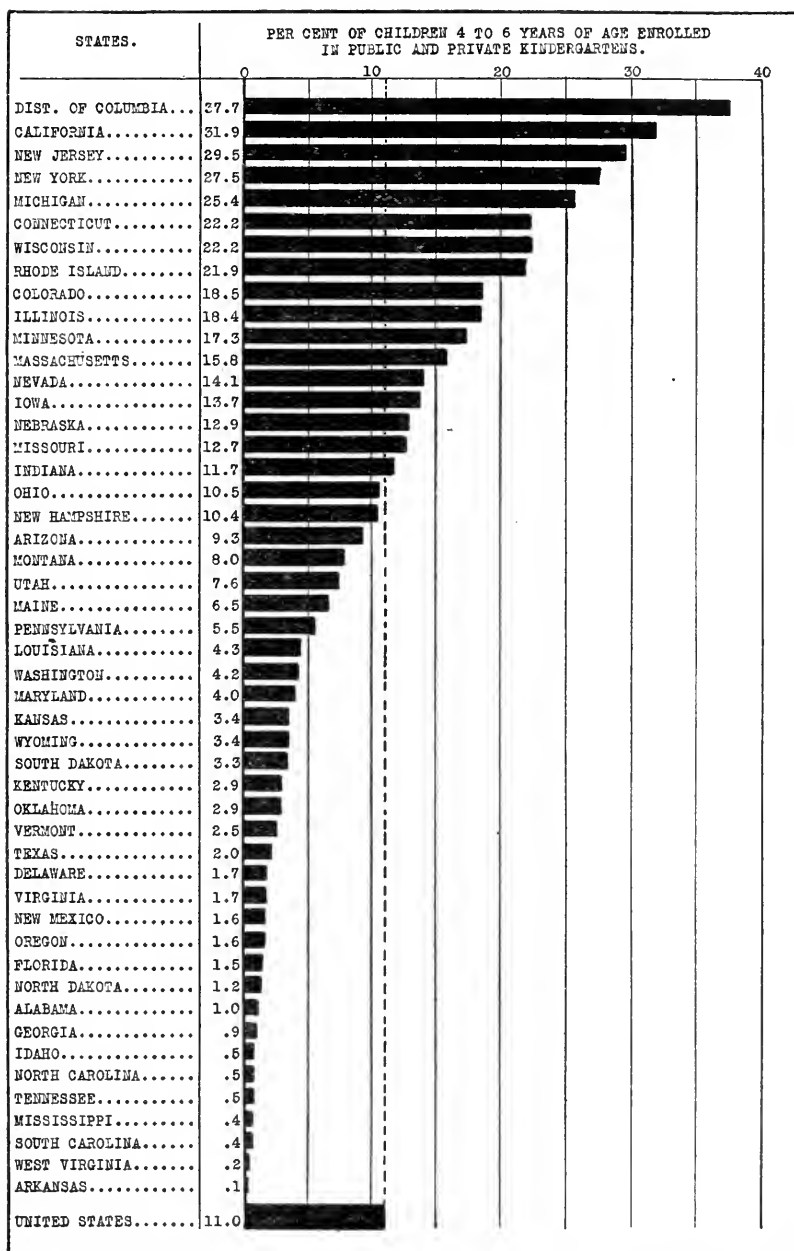


FIG. 2.—Per cent of children 4 to 6 years of age enrolled in public and private kindergartens, 1919-20.

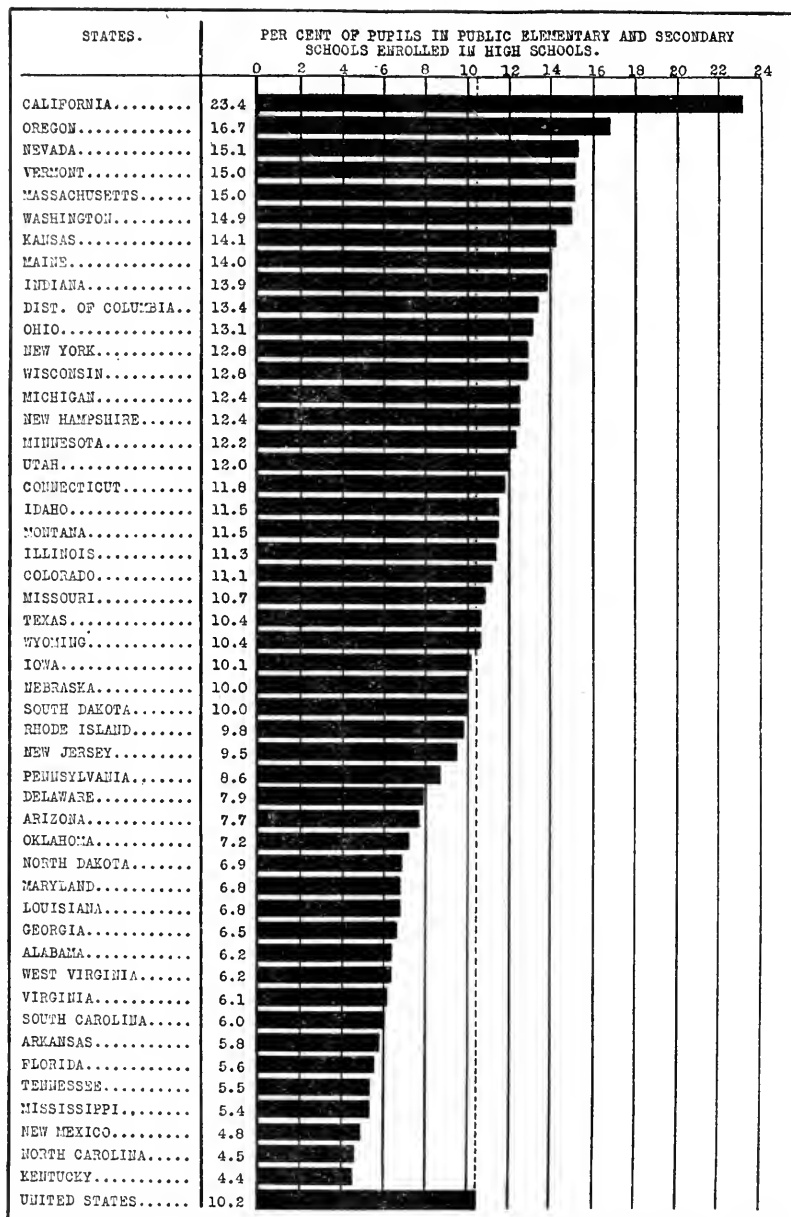


FIG. 3.—Per cent of pupils in public elementary and secondary schools enrolled in high schools, 1919-20.

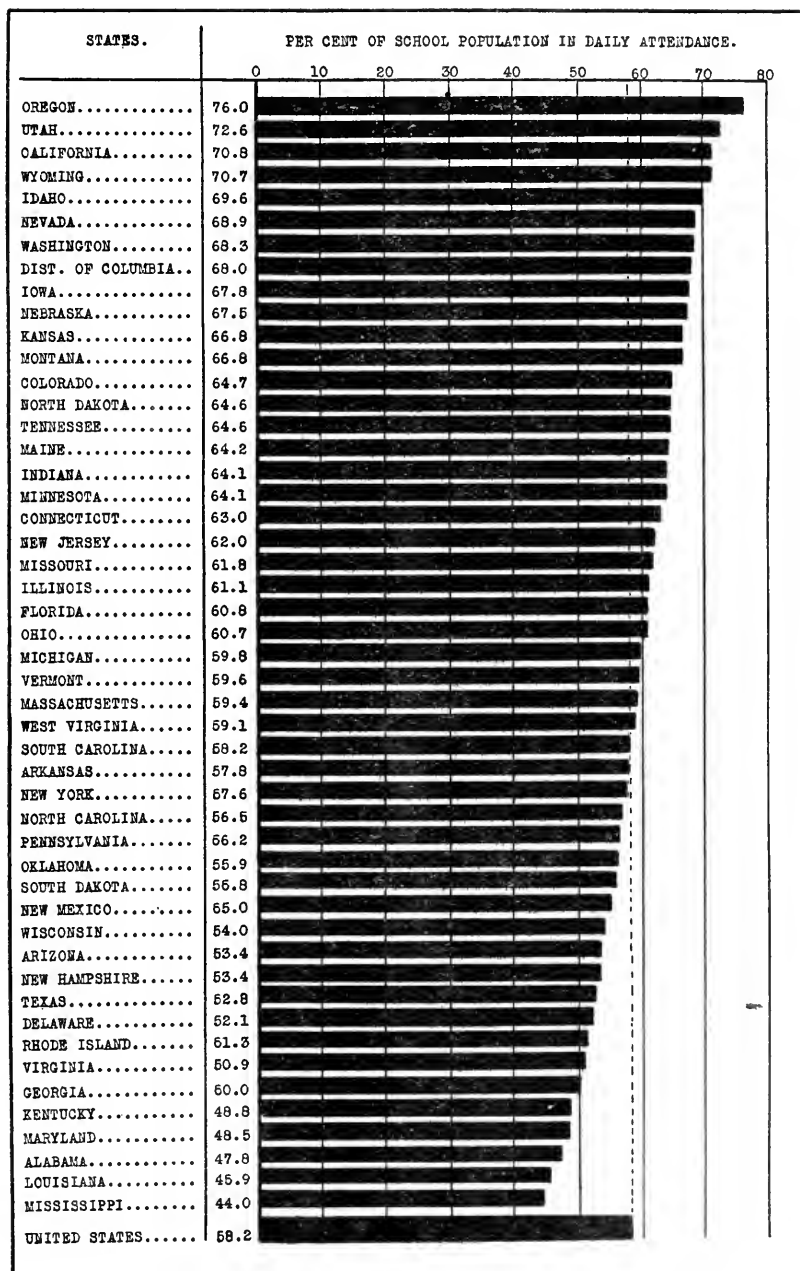


FIG. 4.—Per cent of school population 5 to 18 years of age in daily attendance in public elementary and secondary schools, 1919-20.

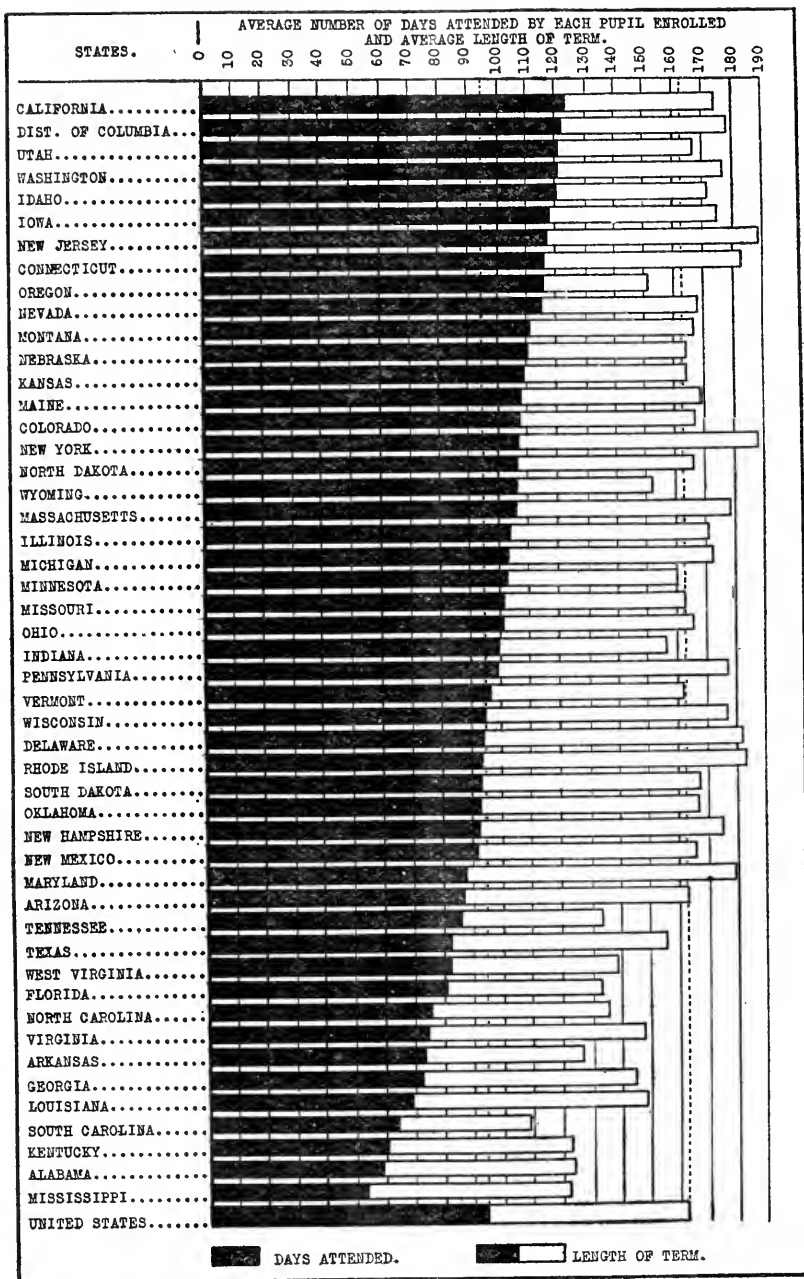


FIG. 5.—Average number of days attended by each pupil enrolled and average length of term in public elementary and secondary schools, 1919-20.

The average value of school property for each pupil enrolled increased from \$95 in 1918 to \$112 in 1920.

Data for Figure 9, showing a percentage analysis of total revenue receipts, are found in Table 17 of the bulletin on State school systems, and data for Figure 11, showing a percentage analysis of total expenditures, are found in Table 22 of the same bulletin.

### CITY SCHOOL SYSTEMS.

Figure 18 shows the distribution of cities in Groups I, II, and III, according to the value of school properties per pupil enrolled. Data

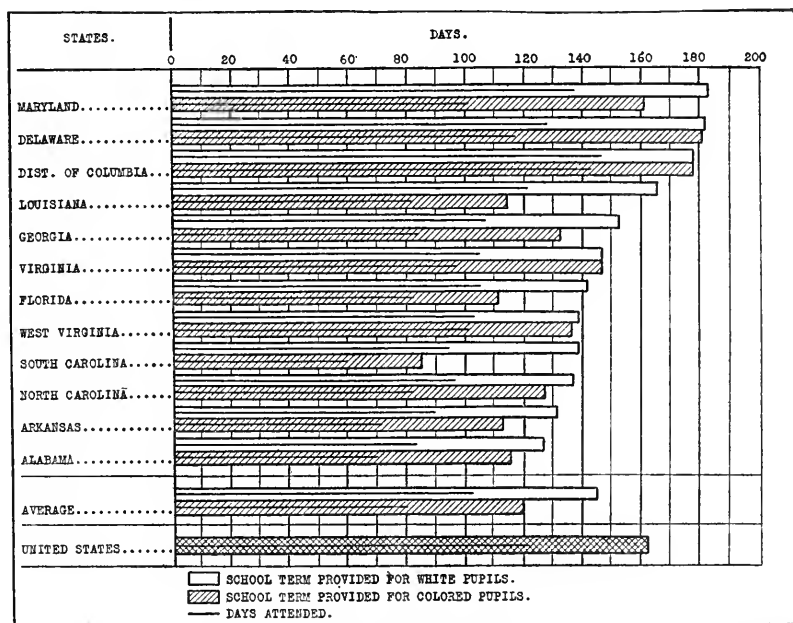


FIG. 6.—Length of term provided for white pupils and for colored pupils and the number of days attended in public elementary and secondary schools in certain Southern States, 1919-20.

are found in Table 2 of the bulletin on city school systems. Figure 19, showing the distribution of cities according to the tax rate for all school purposes on the estimated true property value, is based on Table 3 of the bulletin on city school systems.

### UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS.

According to Figure 21 more students were enrolled in 1920 in universities, colleges, and professional schools in New York than in any other State. Illinois and Pennsylvania were next in order. The data are taken from Table 6 in the bulletin on universities, colleges, and professional schools.

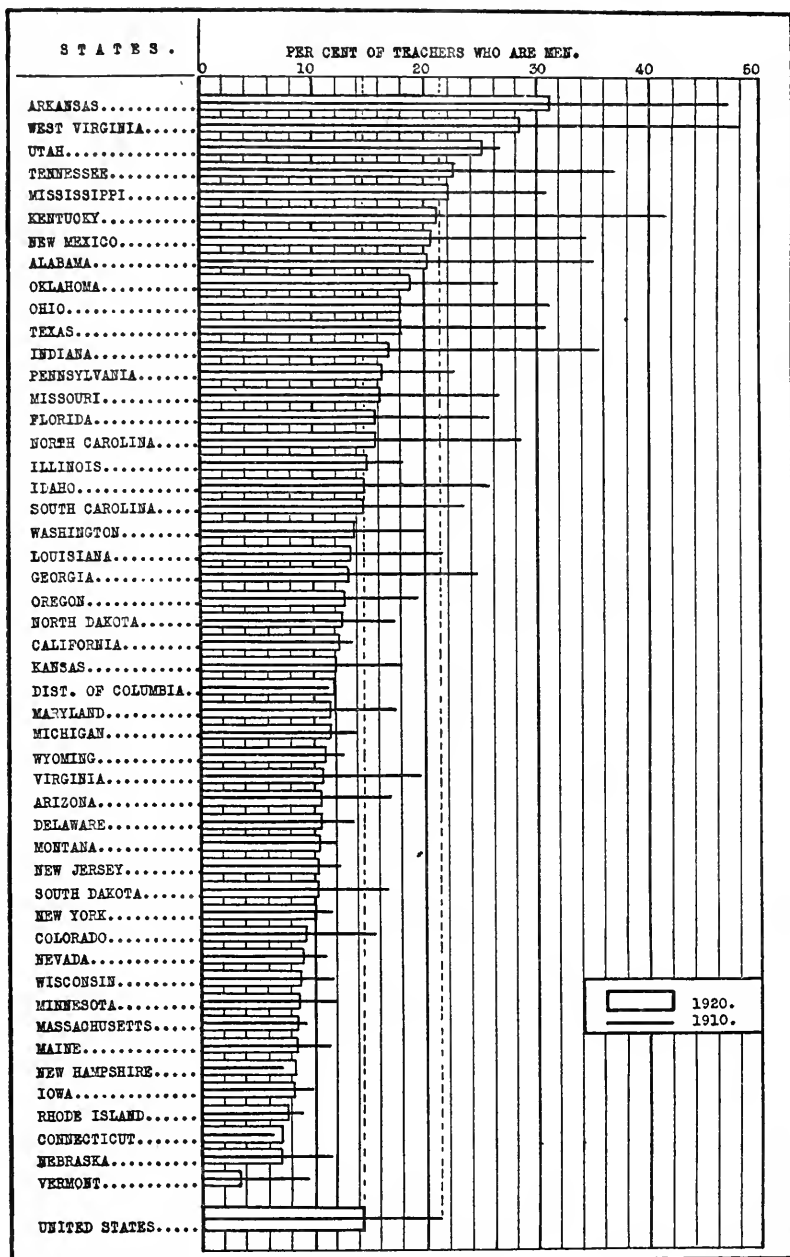


FIG. 7.—Per cent of teachers in public elementary and secondary schools who are men, 1920 and 1910.

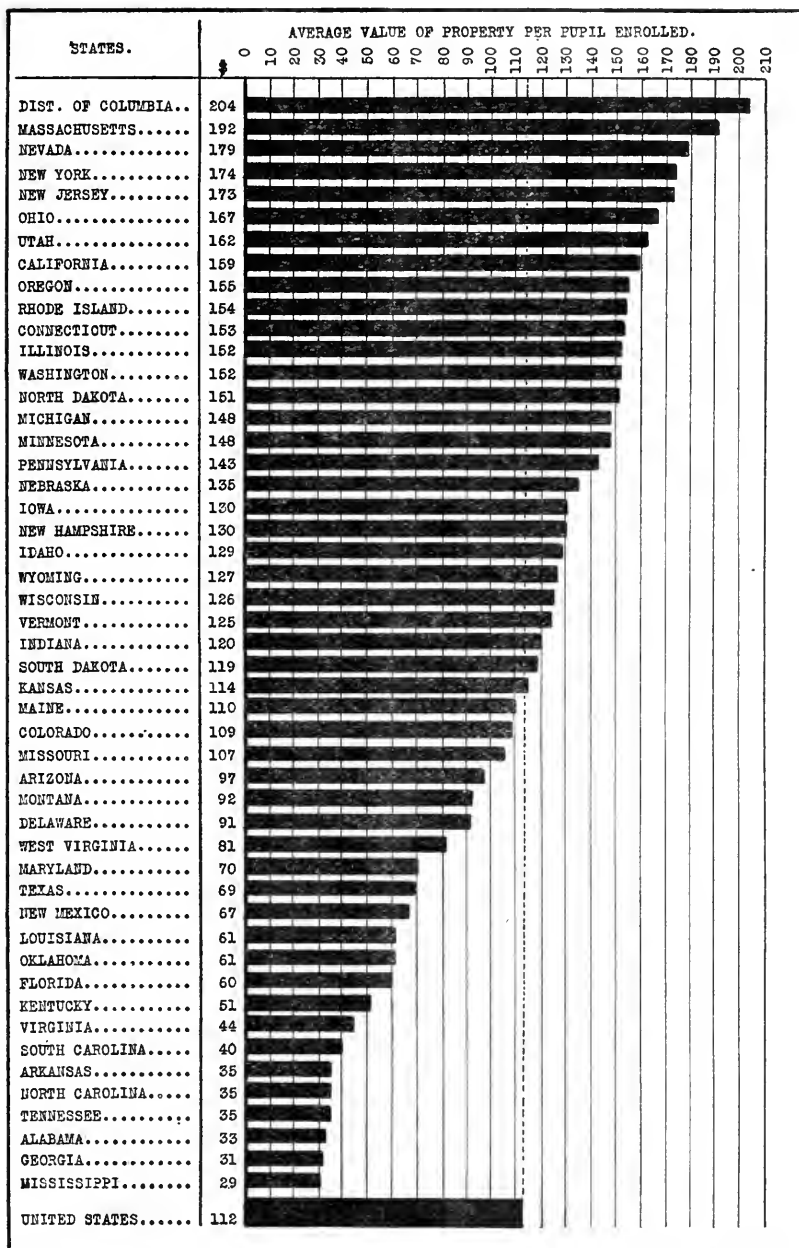


FIG. 8.—Average value of property of public elementary and secondary schools per pupil enrolled, 1919-20.

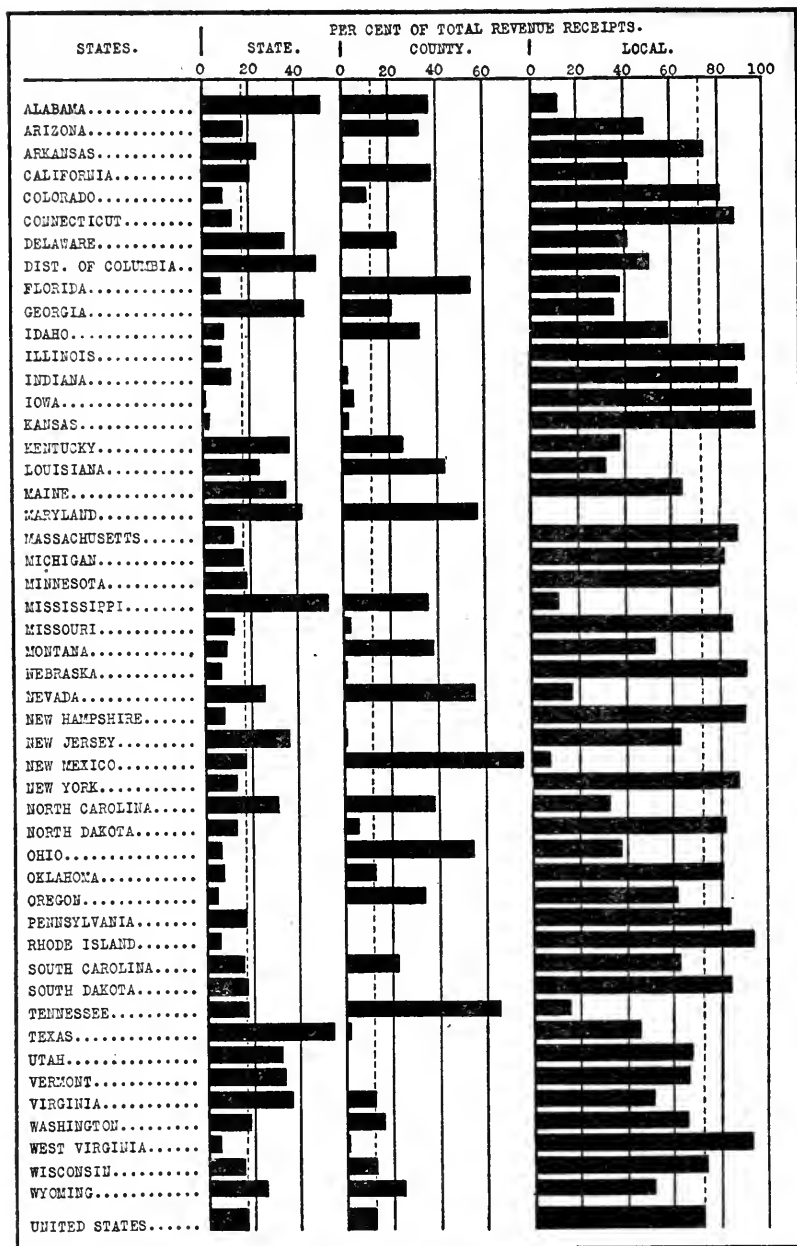


FIG. 9.—Per cent of total revenue receipts from State, county, and local sources for public elementary and secondary schools, 1919-20.



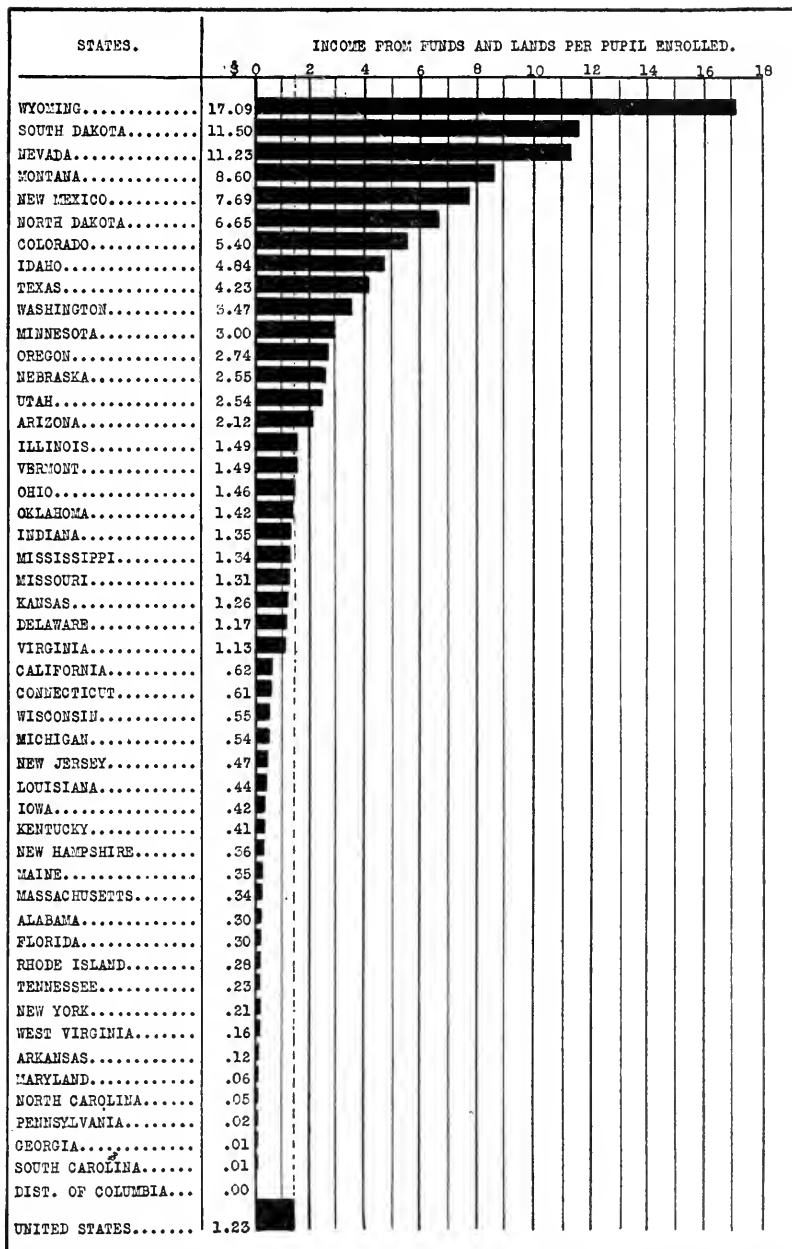


FIG. 10.—Income from permanent school funds and from school lands per pupil enrolled in public elementary and secondary schools, 1919-20.

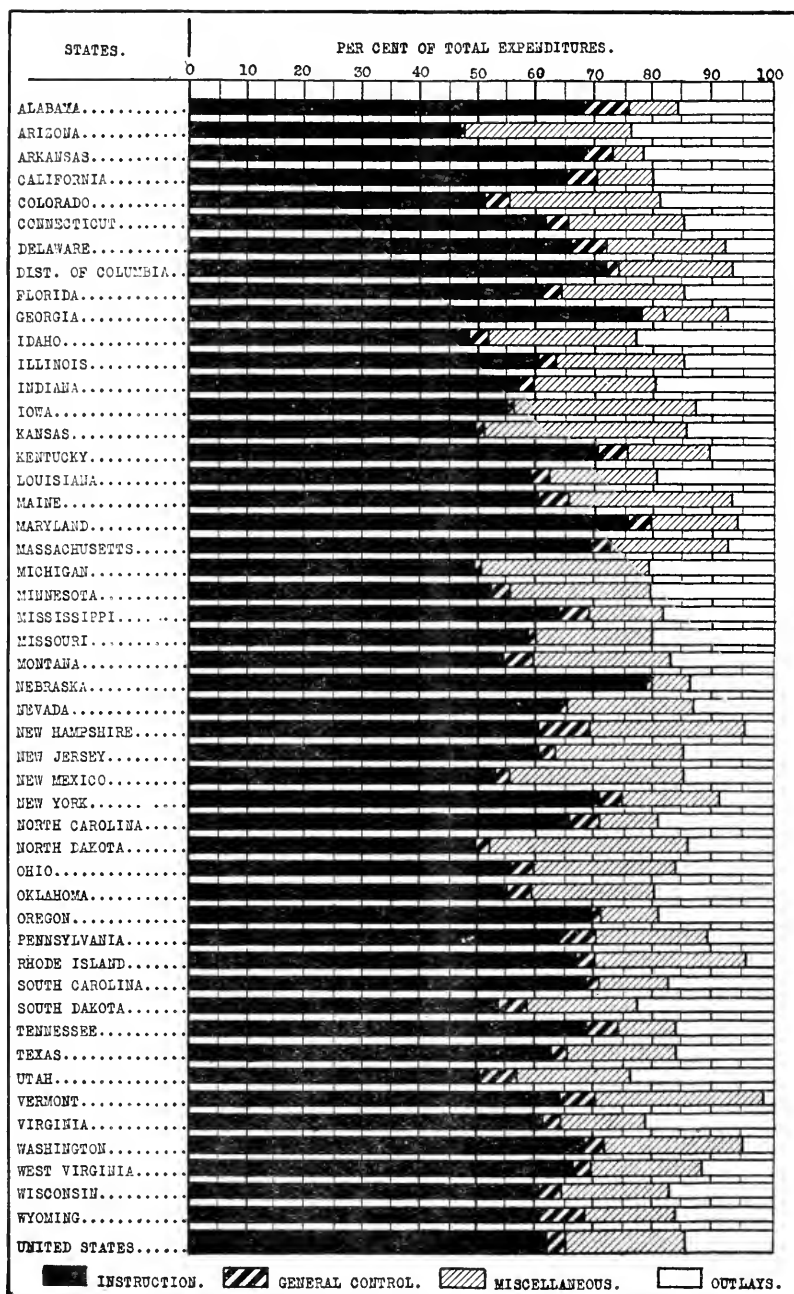


FIG. 11.—Per cent of total expenditures (including capital outlays and excluding debt service) paid for instruction, general control, miscellaneous current expenses, and outlays in public elementary and secondary schools, 1919-20.

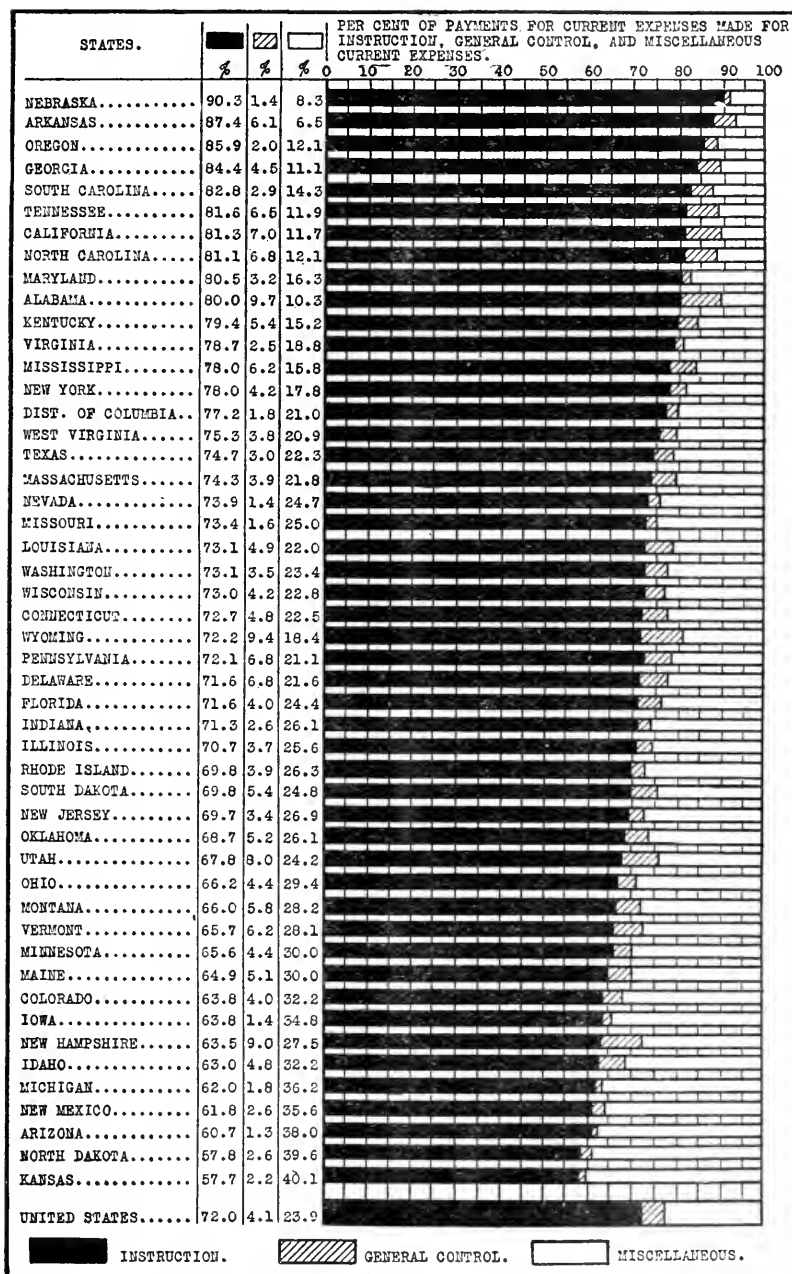


Fig. 12.—Per cent of payments for current expenses (excluding capital outlays and debt service) made for instruction, general control, and miscellaneous current expenses in public elementary and secondary schools, 1919-20.

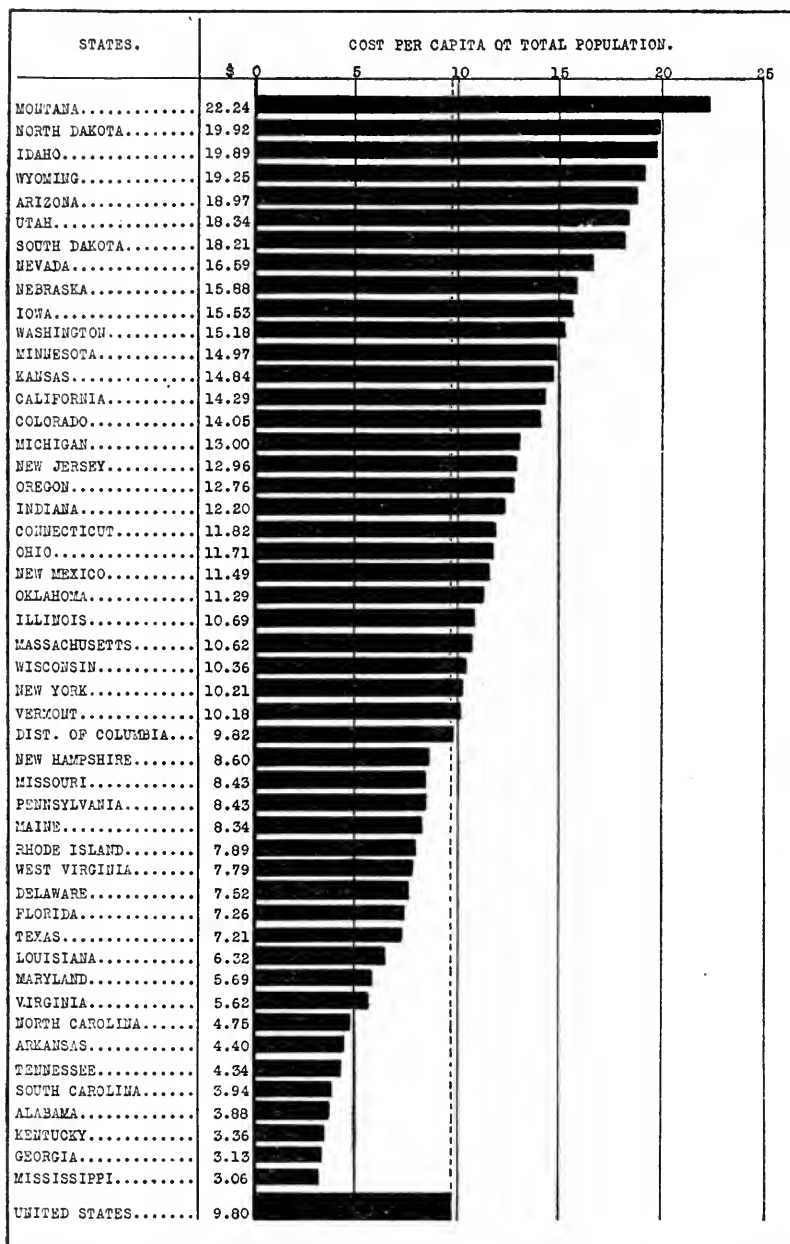


FIG. 13.—Total cost of education (including capital outlays and excluding debt service) in public elementary and secondary schools per capita of total population, 1919-20.

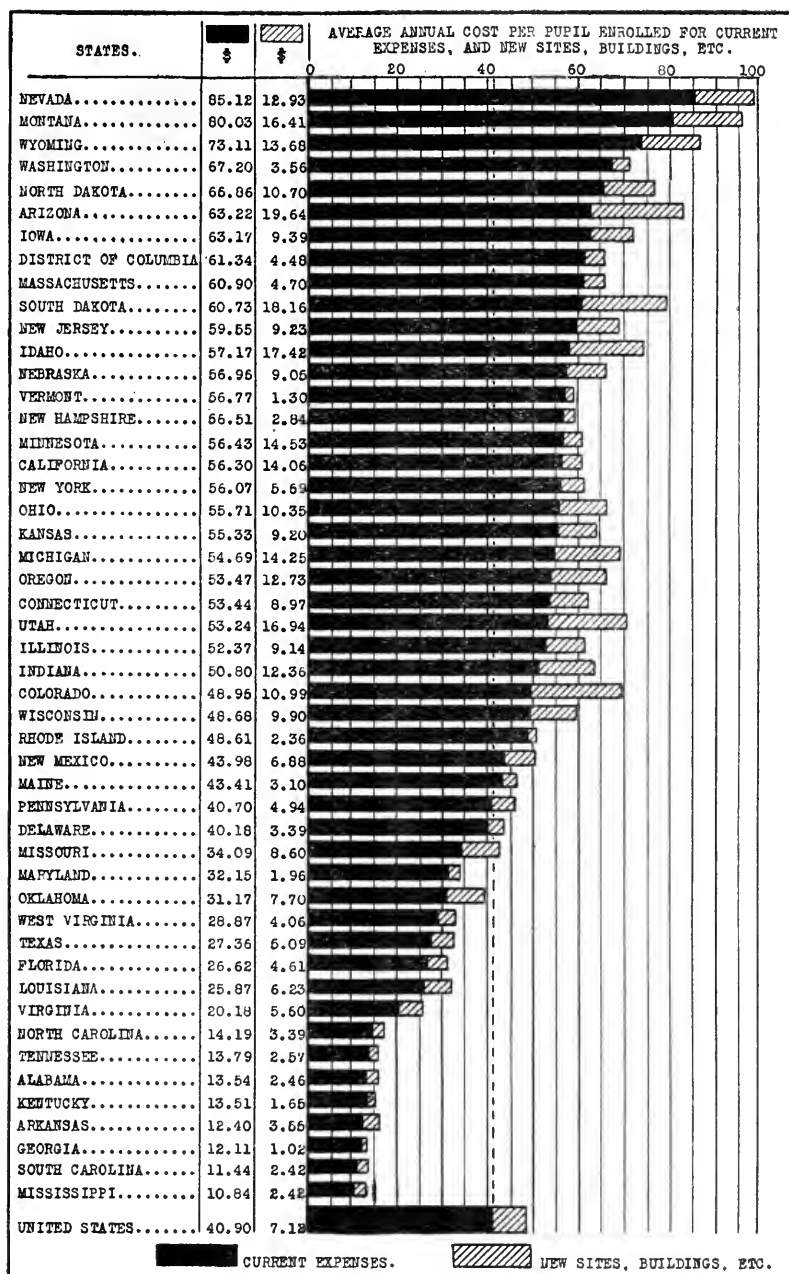


Fig. 14.—Average annual cost per pupil enrolled for current expenses and for capital outlays in public elementary and secondary schools, 1919-20.

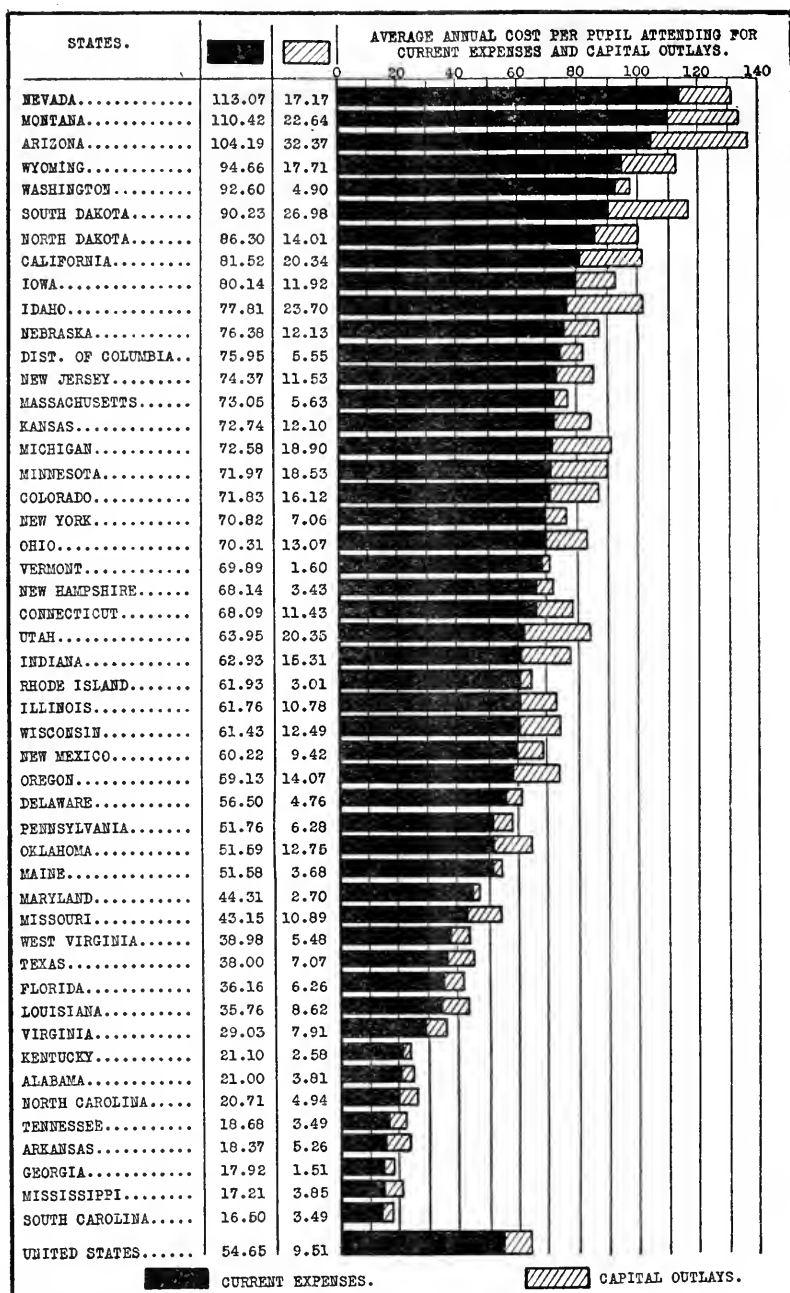


Fig. 15.—Average annual cost per pupil attending for current expenses and for capital outlays in public elementary and secondary schools, 1919-20.

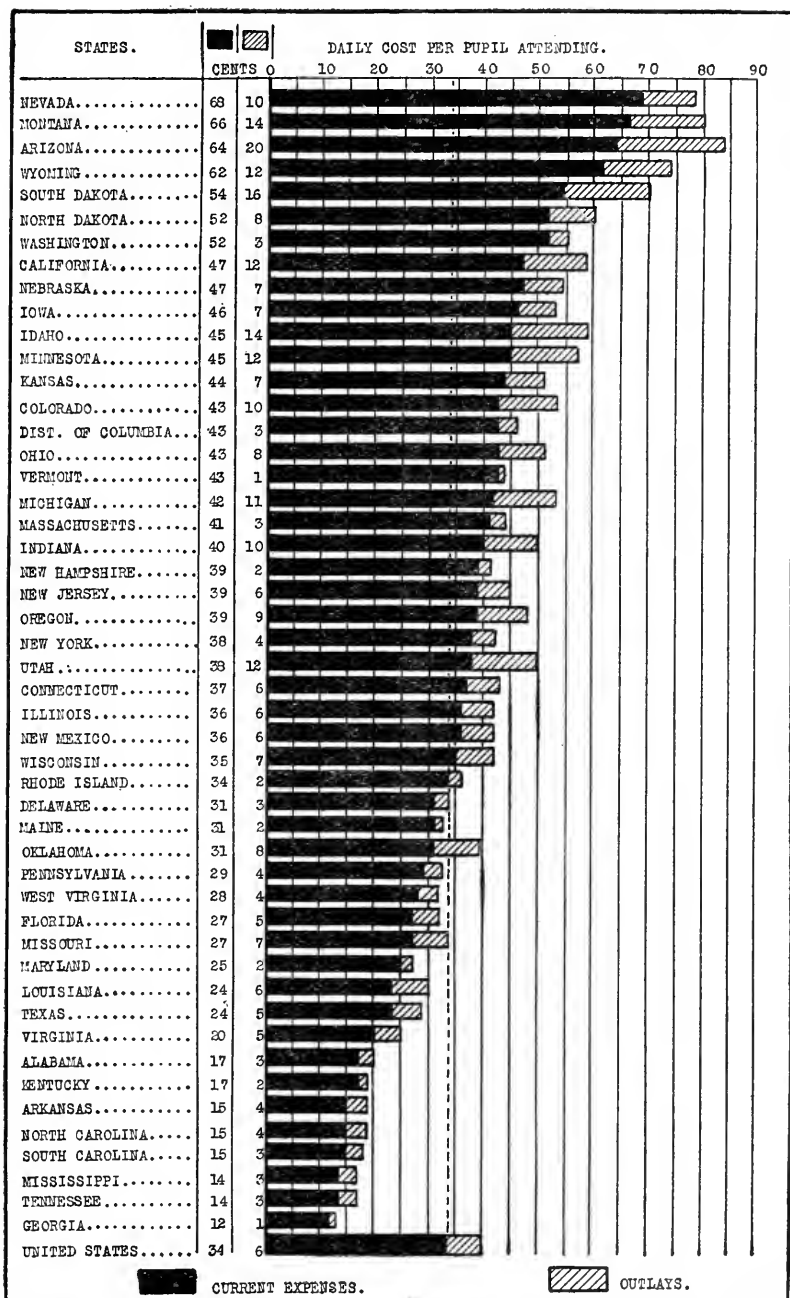


FIG. 16.—Daily cost per pupil attending for current expenses and capital outlays in public elementary and secondary schools, 1919-20.

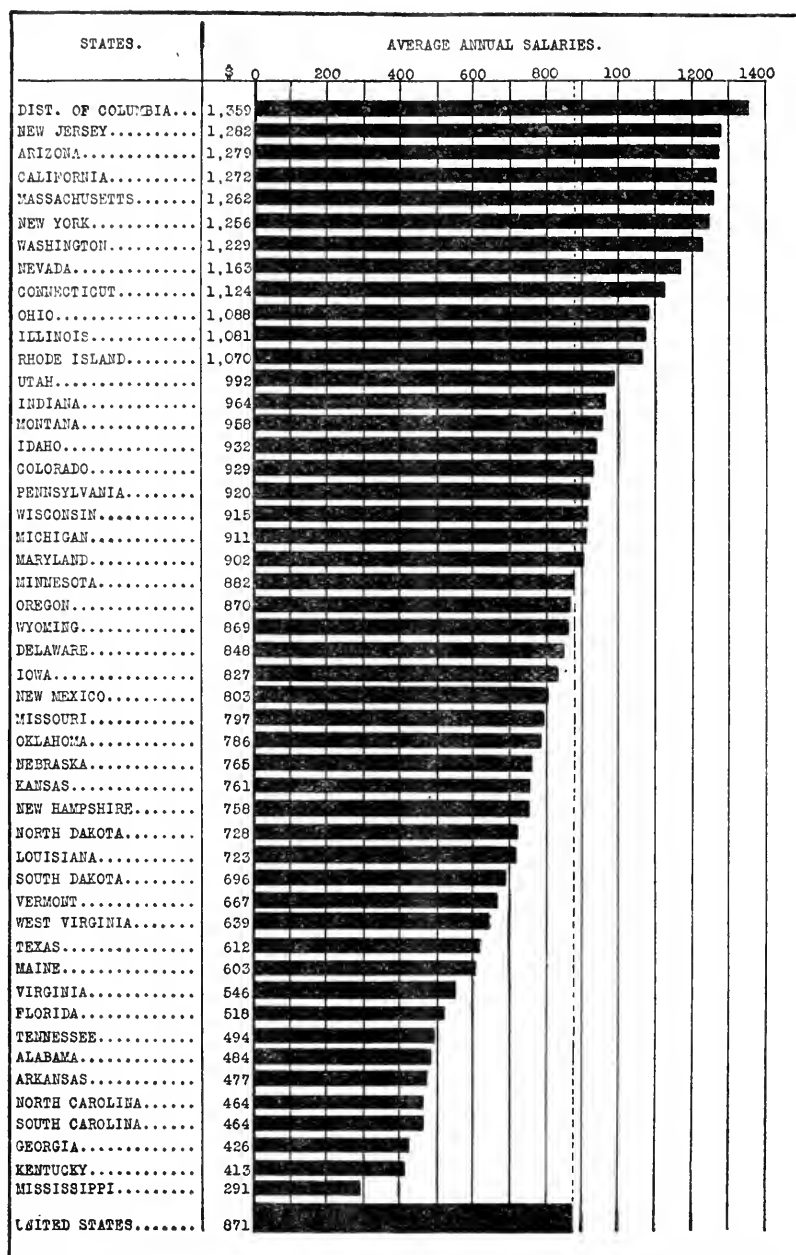


FIG. 17.—Average annual salaries of teachers, supervisors, and principals in public elementary and secondary schools, 1919-20.



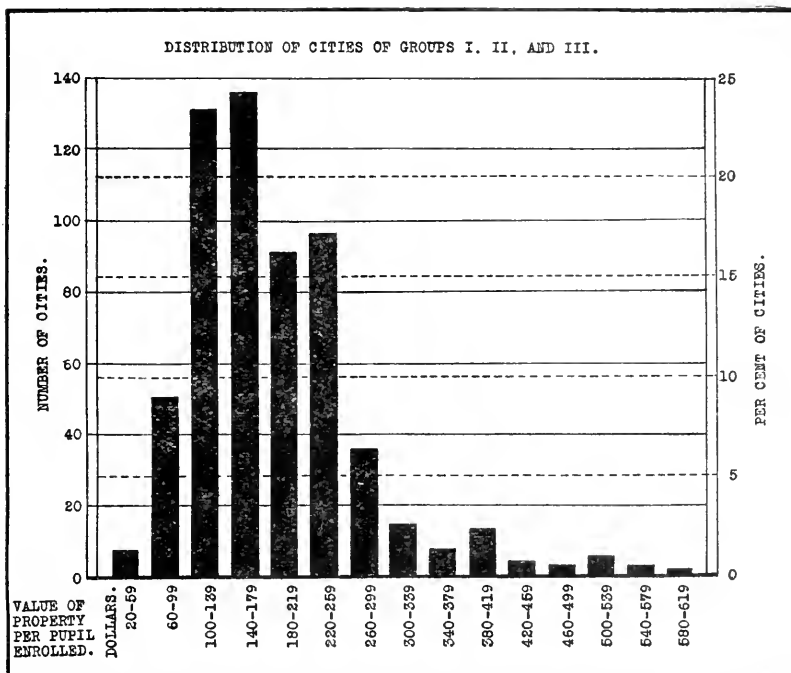


FIG. 18.—Distribution of cities of Groups I, II, and III, according to the value of school property per pupil enrolled in public schools, 1919-20.

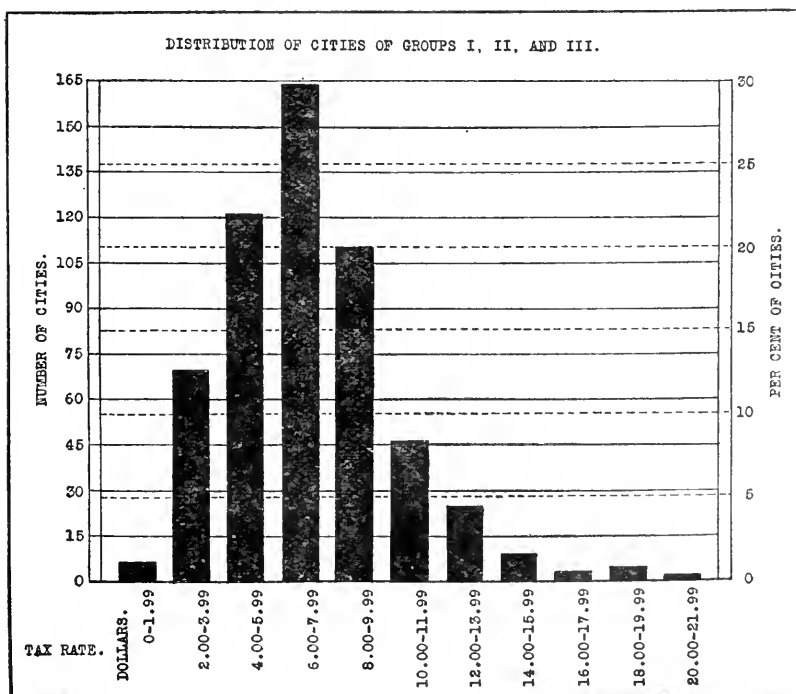


FIG. 19.—Distribution of cities of Groups I, II, and III, according to the tax rate for all purposes for public schools on the estimated true property value, 1919-20.

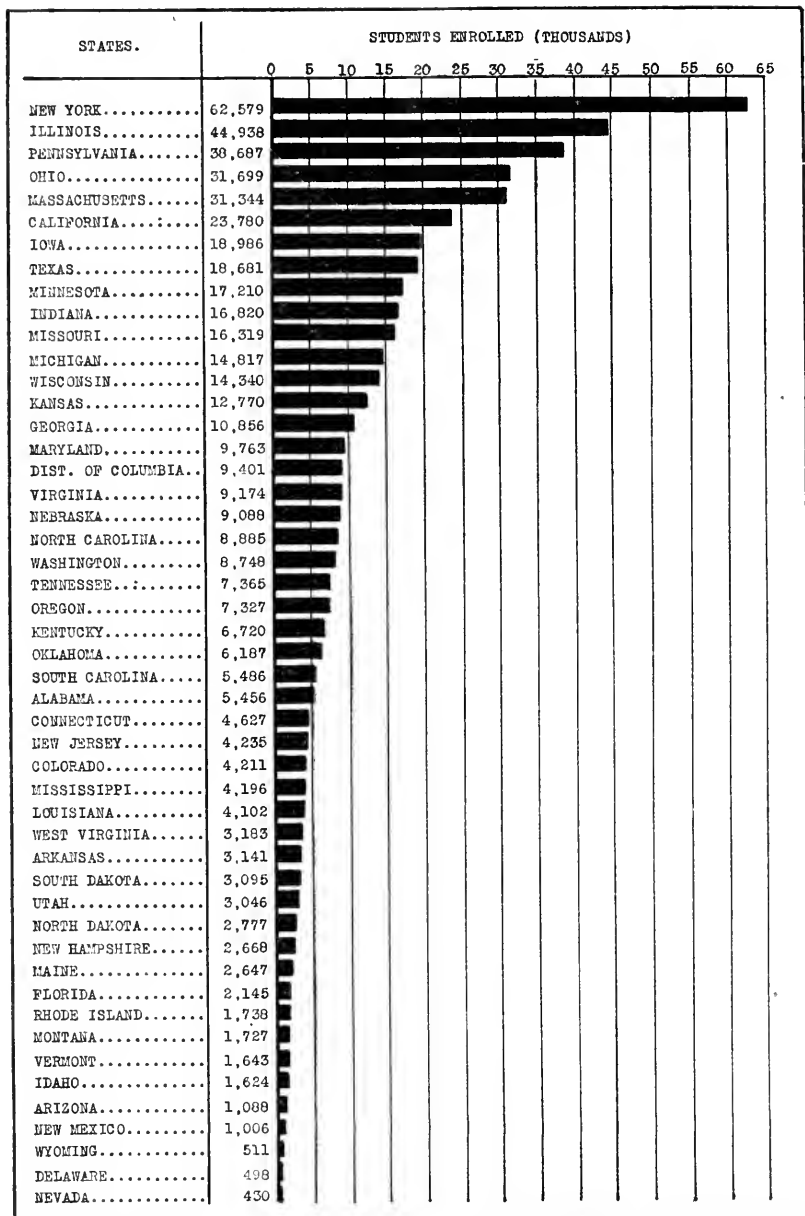


FIG. 20.—Students enrolled, excluding duplicates, in universities, colleges, and professional schools, 1919-20.

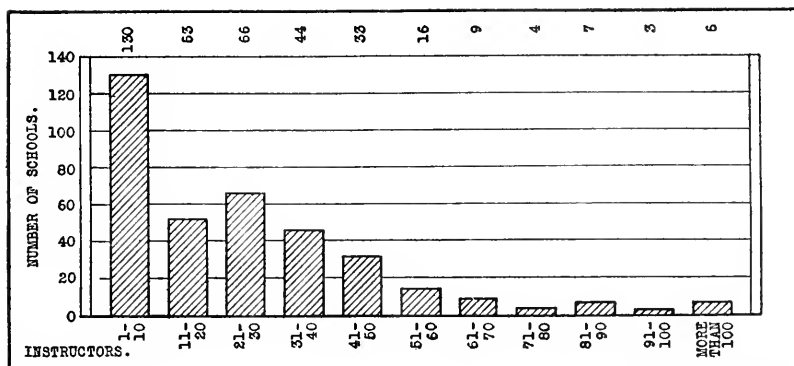


FIG. 21.—Distribution of teachers' colleges and normal schools according to the total number of instructors, including presidents and principals, 1919-20.

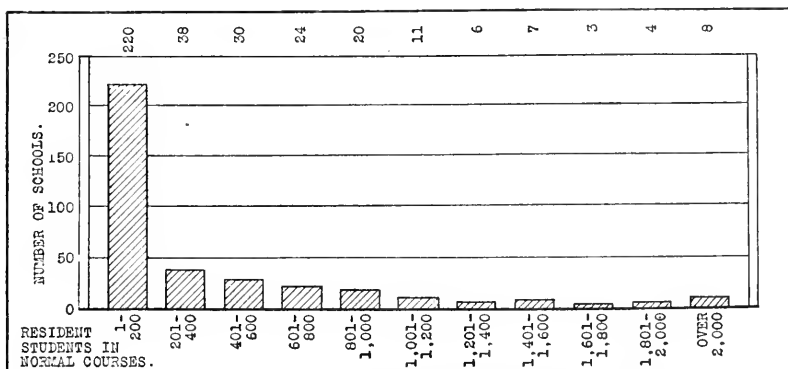


FIG. 22.—Distribution of teachers' colleges and normal schools according to the number of resident students enrolled in normal courses, 1919-20.

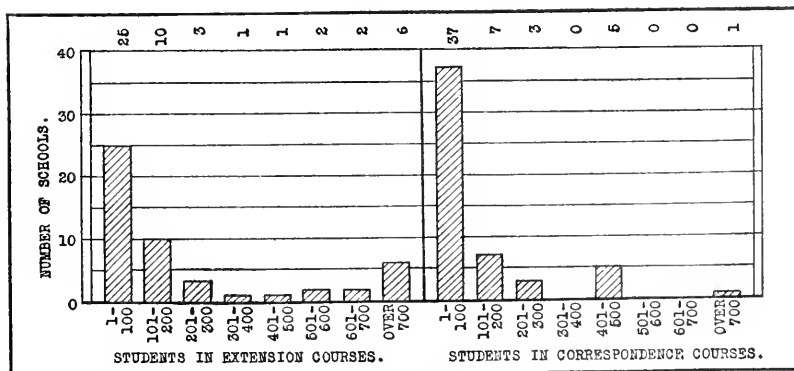


FIG. 23.—Distribution of teachers' colleges and normal schools according to the number of nonresident students enrolled in extension and correspondence courses, 1919-20.

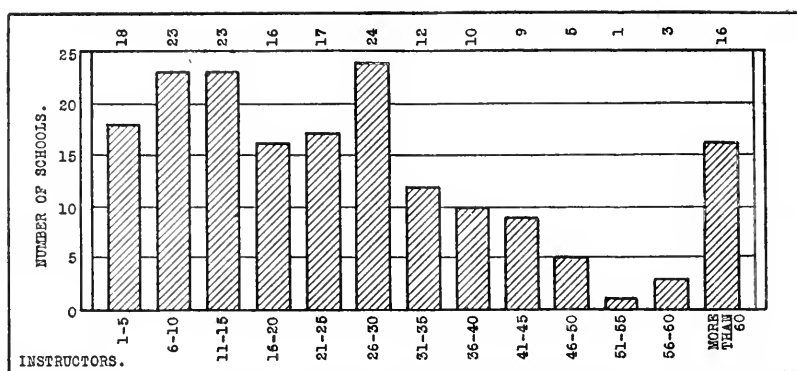


FIG. 24.—Distribution of teachers' colleges and normal schools according to the number of instructors in the summer session.

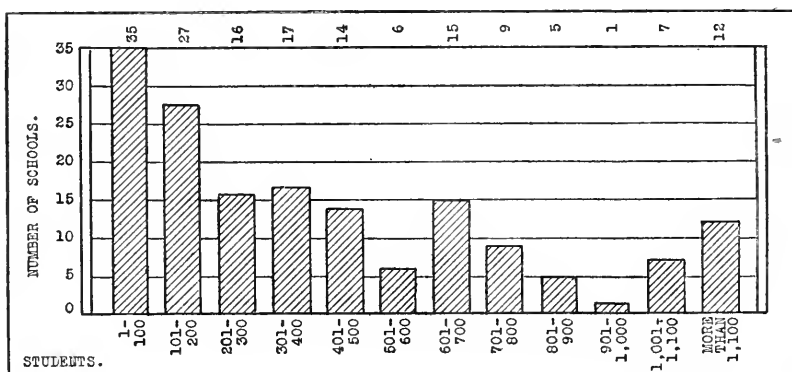


FIG. 25.—Distribution of teachers' colleges and normal schools according to number of students in the summer session.

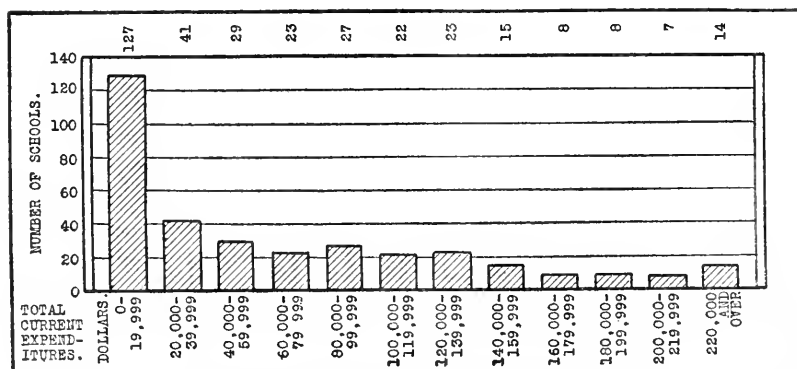


FIG. 26.—Distribution of teachers' colleges and normal schools according to total current expenditures, 1919-20.

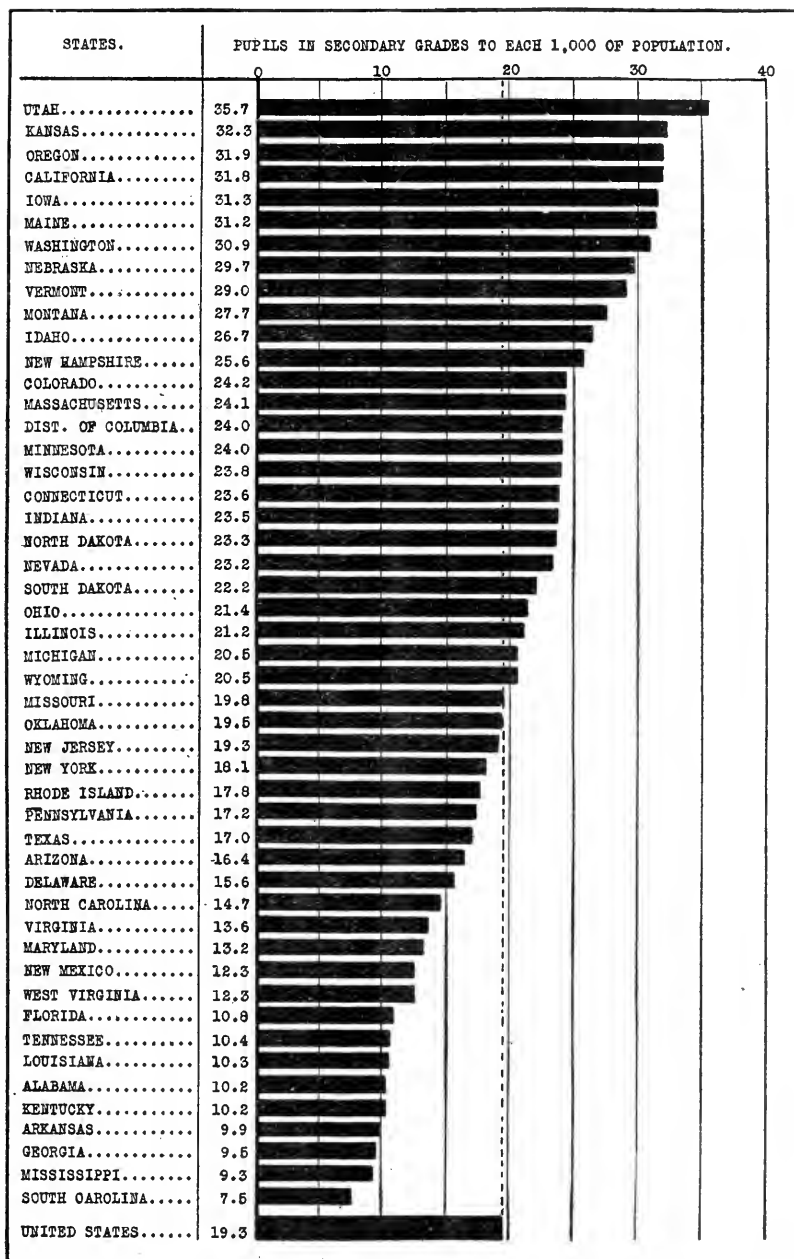


FIG. 27.—Pupils in secondary grades of public and private high schools to each 1,000 of total population, 1919-20.

**TEACHERS' COLLEGES AND NORMAL SCHOOLS.**

Data for Figures 21-26 are found in Tables 5-18 of the bulletin on teachers' colleges and normal schools.

**PUBLIC AND PRIVATE HIGH SCHOOLS.**

Figure 27 shows the number of pupils in secondary grades of public and private high schools for each 1,000 of total population. The data for the graph have been compiled in Table 8 from the enrollment reported in the bulletin on public high schools and the bulletin on private high schools.

The total number of public high schools which reported for 1920 was 14,326, or 375 more than the number which reported in 1918. Since 1918, the first year in which statistics of junior high schools were reported separately to the bureau, the number of junior high schools reporting has increased from 557 to 883, an increase of 326 schools, or more than 58 per cent. The increase in the total number of schools between 1918 and 1920 is not due so largely to the increase in the number of junior high schools as is indicated by comparison of the statements above. Eight hundred and twenty-eight junior high schools were housed in the same buildings with senior and regular high schools and were not counted separately in the total number of schools. Forty-five independent junior high schools were counted separately in the total number of all high schools reporting.

The enrollment in junior-senior high schools shown in Table 19 of the chapter on public high schools does not include the enrollment in independent junior high schools, although pupils in those schools are under the junior-senior plan of instruction.

In 1920, 1,857,155 pupils were reported enrolled in public high schools, excluding pupils in the seventh and eighth grades of junior high schools. In the secondary grades of private high schools, 184,153 pupils were reported. Ninety-one per cent, therefore, of all pupils reported enrolled in secondary grades of public and private high schools in 1920 were enrolled in public high schools. This is almost the same as the corresponding per cent in 1918, namely 91.2. From 1918 to 1920 the enrollment in private high schools increased 16 per cent, and the enrollment in secondary grades of public high schools increased 12.9 per cent.

The number of private high schools reporting in 1920 was 2,093, or an increase of 35 over the number reporting in 1918. The number of public high schools was 87.3 per cent of the number of public and private high schools reporting in 1920. In 1918 it was 87.2 per cent.

In 1918 the average number of pupils to a school when public high schools of all types were considered was 124.4, and in 1920 the

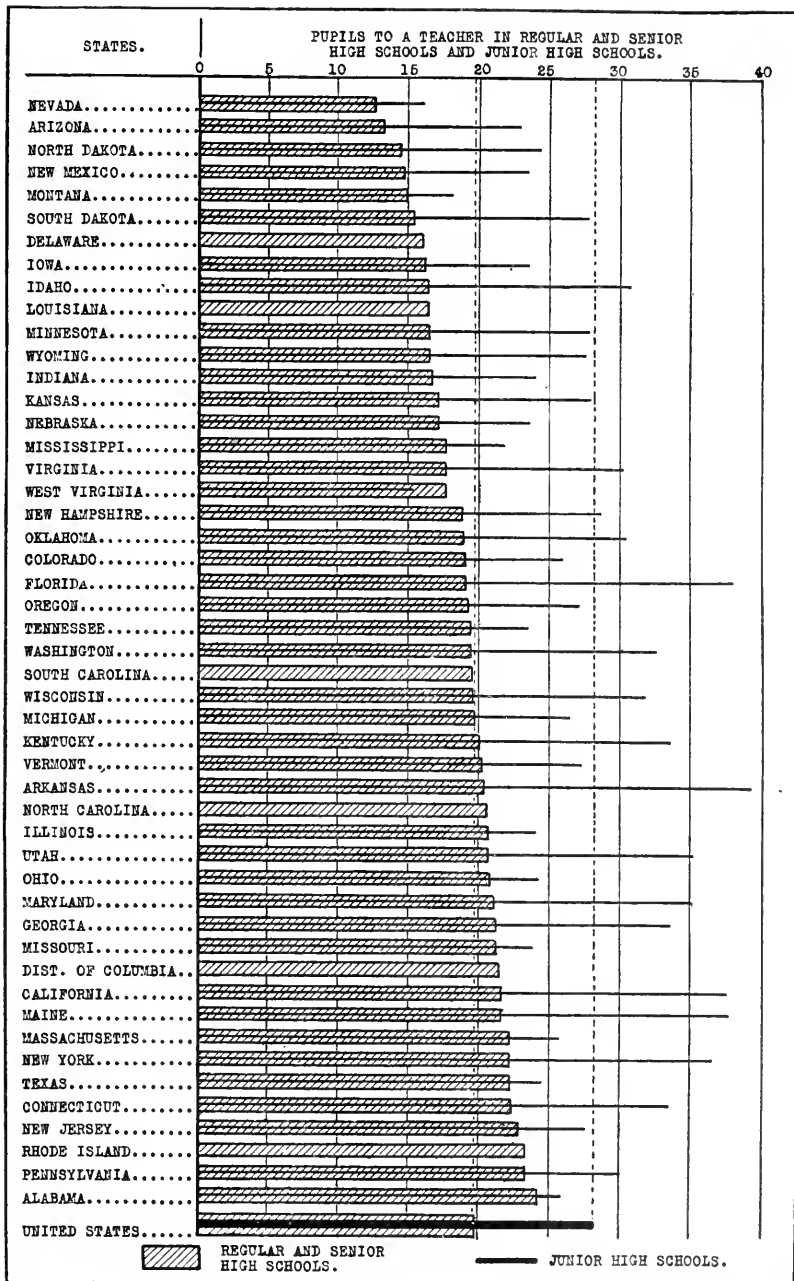


FIG. 28.—Pupils to a teacher in regular and senior high schools and in junior high schools, 1919-20.

number was 139.5. The increase in the number of pupils to a school is due in part to the increase in the proportion of pupils in junior high schools from 6.1 per cent of the enrollment in all public high schools in 1918 to 9 per cent in 1920. In 1920 the average number of pupils to a school in junior high schools was 205; in regular high schools, 162; and in three-year senior high schools, 158.

In private high schools the average number of pupils to a school was 88 in 1920 and 77.1 in 1918.

In public high schools of all types the average number of pupils to a teacher in 1920 was 20.5. In regular and senior high schools the average number was 19.9, and in junior high schools, 28.1, as shown in Table 9. The statistics are shown graphically in Figure 28. In private high schools the average number of pupils to a teacher was 12.3.

The average number of teachers to a school in 1920 in public high schools of all types was 6.8 and in private high schools was 7.1.

In Table 10 is shown the enrollment by years of advancement of pupils in a public high school course of four years in 1920. From this table it follows that 39.5 per cent of the pupils enrolled were in the first year of the course; 26.6 per cent in the second year; 18.8 per cent in the third year; 14.7 per cent in the fourth year; and 0.4 per cent in postgraduate and special courses. Among the years of the course the enrollment of girls was more evenly distributed than the enrollment of boys, as shown by the following per cents:

The per cent of pupils in each year of the four-year course who were boys is as follows: First year, 46.5; second year, 44.4; third year, 42.9; fourth year, 41; postgraduate and special, 37.6.

In 1918, in the first year of a high-school course of four years, 614,776 pupils were reported. If this enrollment is divided into the enrollment in the third year in 1920 in a high-school course of four years, the result is approximately the per cent of pupils surviving, namely, 54.5. If the enrollment in the first year in 1919 is considered as 658,815, which is the average of the first year enrollment in 1918 and in 1920, and if that enrollment is divided into the enrollment in the second year of the course in 1920, the per cent surviving is 71.9. The per cent of pupils surviving to the fourth year of the course in 1920 is not available because the enrollment in a high-school course of four years was not reported earlier than 1918.

In 1920 the enrollment in a high-school course of four years in public high schools was 95.9 per cent of the enrollment in secondary grades of all public high schools.

The per cent of the total population enrolled in the secondary grades of public high schools, shown in Table 1, has increased from 1.56 per cent in 1918 to 1.76 per cent in 1920.



Of all public high schools reporting in 1920, 85.6 per cent were rural high schools. A rural high school is one supported by a State, a county, a township, or a district (not in the sense of a single school district), or by an independent village which had a population less than 2,500 in 1910. Union high schools are considered as rural. A high school in a city having a population of more than 2,500 and less than 10,000 is considered rural if it is supported by a rural taxing unit; that is, by a unit larger than that determined by the corporate limits of the city proper.

In Table 11 is shown the per cent of the population 18 years of age graduated from a four-year course in public and private high schools in 1920. The table is computed from the number of graduates from such a course reported in the bulletin on public high schools and the bulletin on private high schools.

The largest public high schools which reported in 1920, and the enrollments in them, were as follows:

- (1) Polytechnic Evening High (for boys), Los Angeles, Calif., enrollment, 7,380.
- (2) Stuyvesant High School (for boys), New York, N. Y., 6,334.
- (3) Morris High School (coeducational), New York, N. Y., 5,799.
- (4) Washington Irving High School (for girls), New York, N. Y., 5,283.
- (5) De Witt Clinton High School (for boys), New York, N. Y., 5,014.
- (6) High School of Commerce (for boys), New York, N. Y., 4,235.
- (7) Manual Training High School (coeducational), Brooklyn, N. Y., 4,224.
- (8) Boys' High School (for boys), Brooklyn, N. Y., 4,067.
- (9) Erasmus Hall High School (coeducational), Brooklyn, N. Y., 4,057.
- (10) Carl Schurz High School (coeducational), Chicago, Ill., 3,855.
- (11) Manual Arts High School (coeducational), Los Angeles, Calif., 3,586.
- (12) Commercial High School (for boys), Brooklyn, N. Y., 3,531.
- (13) Northwestern High School (coeducational), Minneapolis, Minn., 3,078.
- (14) Central High School (coeducational), Washington, D. C., 2,757.
- (15) English High School (for boys), Boston, Mass., 2,591.

Each of these schools includes only pupils above the elementary grades, since none of the schools is organized on the junior-senior plan.

#### NURSE TRAINING SCHOOLS.

The enrollment in nurse training schools, shown in Figure 29, is that of all the schools for the training of professional nurses reporting to the bureau in 1920, and includes the enrollment in schools in hospitals for the treatment of the insane, as given in Table 9 of the bulletin on nurse training schools.

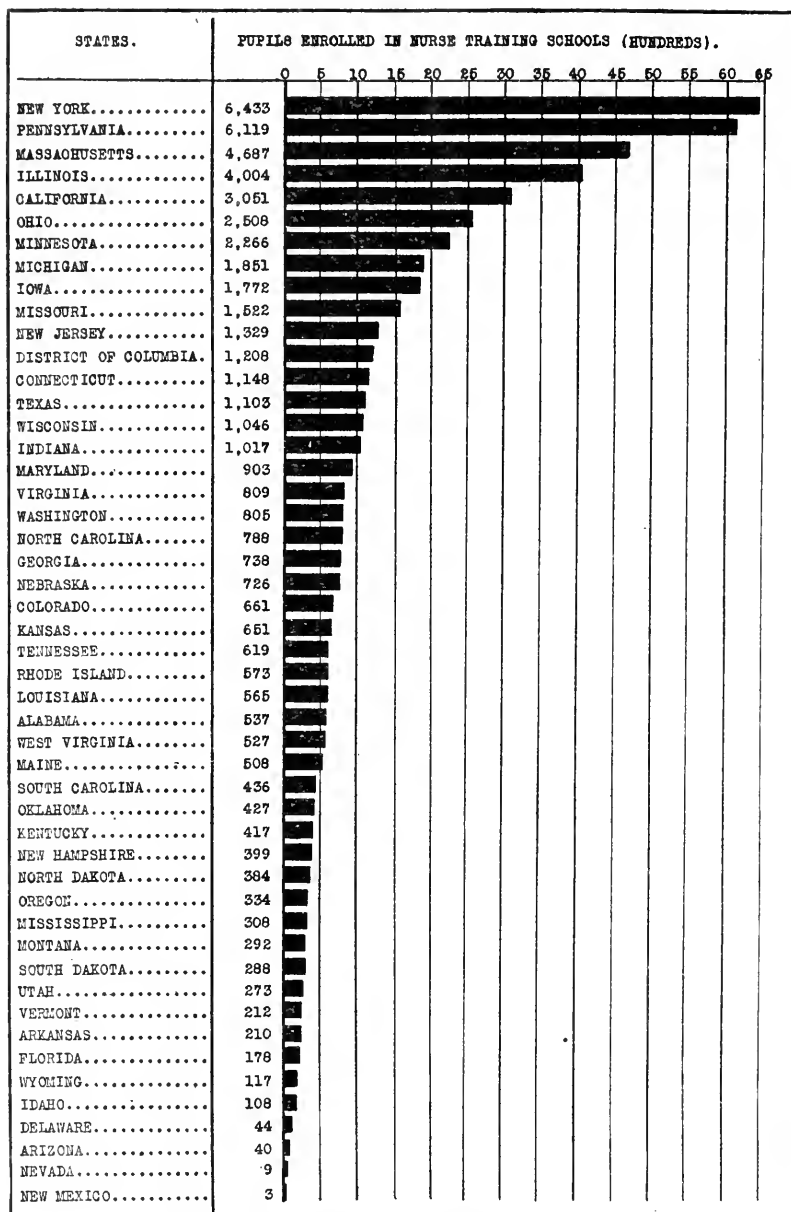


FIG. 29.—Pupils enrolled in nurse training schools, 1919-20.

TABLE 8.—*Proportion of total population enrolled in high schools,<sup>1</sup> 1919-20.*

States.	Total population Jan. 1, 1920.	Pupils enrolled in secondary grades.						
		In public high schools.				In private high schools.	In public and private high schools.	To each 1,000 of total population.
		Regular high schools.	Senior high schools.	Ninth grade in junior high schools.	Total.			
1	2	3	4	5	6	7	8	9
Continental United States.	105,710,620	1,754,646	63,630	38,879	1,857,155	184,153	2,041,308	19.3
Alabama.....	2,348,174	20,705	92	65	20,862	3,022	23,884	10.2
Arizona.....	334,162	4,572	348	312	5,232	244	5,476	16.4
Arkansas.....	1,752,204	14,091	1,335	794	16,220	1,086	17,306	9.9
California.....	3,426,861	96,594	3,738	3,175	103,507	5,567	109,074	31.8
Colorado.....	939,629	19,277	1,270	1,327	21,874	854	22,728	24.2
Connecticut.....	1,380,631	26,393	445	295	27,133	5,496	32,629	23.6
Delaware.....	223,003	3,164	.....	.....	3,164	310	3,474	15.6
Dist. Columbia.....	437,571	8,470	.....	.....	8,470	2,057	10,527	24.0
Florida.....	968,470	9,218	.....	344	9,562	932	10,494	10.8
Georgia.....	2,895,832	22,303	684	400	23,387	4,030	27,417	9.5
Idaho.....	431,866	8,622	1,087	711	10,420	1,135	11,555	26.7
Illinois.....	6,485,280	126,419	488	262	127,169	10,048	137,217	21.2
Indiana.....	2,930,390	62,188	2,323	1,295	65,806	3,076	68,882	23.5
Iowa.....	2,404,021	65,760	3,141	1,577	70,478	4,821	75,299	31.3
Kansas.....	1,769,257	49,659	3,108	1,711	54,478	2,582	57,060	32.3
Kentucky.....	2,416,630	20,394	261	310	20,965	3,719	24,684	10.2
Louisiana.....	1,798,509	15,607	.....	.....	15,607	2,897	18,504	10.3
Maine.....	768,014	17,907	688	481	19,076	4,892	23,968	31.2
Maryland.....	1,449,661	16,438	.....	.....	16,438	2,769	19,207	13.2
Massachusetts.....	3,852,356	73,577	5,334	1,862	80,773	11,868	92,641	24.1
Michigan.....	3,668,412	56,079	8,088	4,975	69,142	6,059	75,201	20.5
Minnesota.....	2,387,125	46,871	2,912	1,374	51,157	6,051	57,208	24.0
Mississippi.....	1,790,618	13,786	66	37	13,889	2,737	16,626	9.3
Missouri.....	3,404,055	61,897	636	300	62,833	4,498	67,331	19.8
Montana.....	548,889	14,109	39	32	14,180	1,019	15,199	27.7
Nebraska.....	1,296,372	35,231	1,305	637	37,173	1,269	38,442	29.7
Nevada.....	77,407	1,787	.....	.....	1,787	.....	1,787	23.2
New Hampshire.....	443,083	8,300	.....	.....	8,300	3,022	11,322	25.6
New Jersey.....	3,155,900	51,225	2,962	1,576	55,763	5,153	60,916	19.3
New Mexico.....	360,350	3,696	278	180	4,154	291	4,445	12.3
New York.....	10,385,227	164,935	560	779	166,274	21,567	187,841	18.1
North Carolina.....	2,559,123	26,543	.....	.....	26,543	7,170	33,713	14.7
North Dakota.....	646,872	13,243	668	416	14,327	738	15,065	23.3
Ohio.....	5,759,394	106,285	8,115	3,112	117,512	5,922	123,434	21.4
Oklahoma.....	2,028,283	34,793	1,867	1,993	38,653	806	39,459	19.5
Oregon.....	783,389	20,677	1,748	934	23,359	1,595	24,954	31.9
Pennsylvania.....	8,720,017	127,054	4,503	3,486	135,043	14,994	150,037	17.2
Rhode Island.....	604,397	8,940	.....	.....	8,940	1,812	10,752	17.8
South Carolina.....	1,683,724	10,294	.....	.....	10,294	2,340	12,634	7.5
South Dakota.....	636,547	11,846	904	443	13,193	946	14,139	22.2
Tennessee.....	2,337,885	19,369	82	41	19,492	4,799	24,291	10.4
Texas.....	4,663,228	75,652	.....	294	75,946	3,270	79,216	17.0
Utah.....	449,396	9,619	1,426	1,474	12,519	3,491	16,010	35.7
Vermont.....	352,428	7,773	218	135	8,126	2,098	10,224	29.0
Virginia.....	2,309,187	25,857	122	462	26,441	5,014	31,455	13.6
Washington.....	1,356,621	40,961	202	144	41,307	1,637	42,944	30.9
West Virginia.....	1,463,701	16,096	735	.....	16,831	1,170	18,001	12.3
Wisconsin.....	2,632,067	56,451	1,852	1,134	59,437	3,229	62,666	23.8
Wyoming.....	194,402	3,919	.....	.....	3,919	51	3,970	20.5
Outlying possessions:								
Hawaii.....	255,912	.....	.....	.....	.....	399	399	17.3
Porto Rico.....	1,299,809	2,639	.....	.....	2,639	151	2,790	2.1

<sup>1</sup> As reported to the bureau by the high schools.

TABLE 9.—*Pupils to a teacher in regular and senior high schools and in junior high schools, 1919-20.*

States.	Regular and senior high schools.			Junior high schools.		
	Pupils.	Teachers.	Pupils to a teacher.	Pupils.	Teachers.	Pupils to a teacher.
1	2	3	4	5	6	7
Continental United States.....	1,818,276	91,224	19.9	180,830	6,430	28.1
Alabama.....	20,797	861	24.2	207	8	25.9
Arizona.....	4,920	375	13.1	1,513	66	22.9
Arkansas.....	15,426	759	20.3	3,754	96	39.1
California.....	100,332	4,634	21.7	13,311	353	37.7
Colorado.....	20,547	1,094	18.9	7,143	276	25.9
Connecticut.....	26,838	1,182	22.7	1,383	41	33.7
Delaware.....	3,164	199	15.9			
Dist. Columbia.....	8,470	392	21.6			
Florida.....	9,218	487	18.9	1,413	37	38.2
Georgia.....	22,987	1,085	21.2	1,607	48	33.5
Idaho.....	9,709	593	16.4	3,103	101	30.7
Illinois.....	126,907	6,200	20.5	1,354	56	24.2
Indiana.....	64,511	3,869	16.7	8,430	352	24.0
Iowa.....	68,901	4,260	16.2	7,438	317	23.5
Kansas.....	52,767	3,064	17.2	8,710	312	27.9
Kentucky.....	20,655	1,031	20.0	2,086	62	33.7
Louisiana.....	15,607	950	16.4			
Maine.....	18,595	858	21.7	1,327	35	37.9
Maryland.....	16,438	784	21.0	353	10	35.3
Massachusetts.....	78,911	3,549	22.2	9,654	376	25.7
Michigan.....	64,167	3,250	19.7	20,100	762	26.4
Minnesota.....	49,783	3,024	16.5	6,890	248	27.8
Mississippi.....	13,852	779	17.8	611	28	21.8
Missouri.....	62,533	2,822	21.2	1,529	64	23.9
Montana.....	14,148	947	14.9	146	8	18.3
Nebraska.....	36,536	2,121	17.2	2,672	114	23.4
Nevada.....	1,787	144	12.4	47	3	15.7
New Hampshire.....	8,300	446	18.6	2,010	70	28.7
New Jersey.....	54,187	2,368	22.9	5,108	185	27.6
New Mexico.....	3,974	270	14.7	652	28	23.3
New York.....	165,495	7,447	22.2	3,525	96	36.7
North Carolina.....	26,543	1,300	20.4			
North Dakota.....	13,911	971	14.3	1,357	56	24.2
Ohio.....	114,400	5,494	20.8	15,109	622	24.3
Oklahoma.....	36,660	1,958	18.7	9,493	309	30.7
Oregon.....	22,425	1,175	19.1	2,992	110	27.2
Pennsylvania.....	131,557	5,681	23.2	15,819	526	30.1
Rhode Island.....	8,940	385	23.2			
South Carolina.....	10,294	524	19.6			
South Dakota.....	12,750	830	15.4	1,453	52	27.9
Tennessee.....	19,451	1,002	19.4	566	24	23.6
Texas.....	75,652	3,401	22.2	1,186	48	24.7
Utah.....	11,045	538	20.5	6,440	181	35.6
Vermont.....	7,991	397	20.1	2,318	85	27.3
Virginia.....	25,979	1,456	17.8	1,940	64	30.3
Washington.....	41,163	2,111	19.5	1,003	31	32.4
West Virginia.....	16,831	945	17.8	237	15	15.8
Wisconsin.....	58,303	2,974	19.6	4,318	136	31.8
Wyoming.....	3,919	238	16.5	523	19	27.5

TABLE 10.—Enrollment by years of pupils in a public high-school course of four years, 1919-20.

States.	First year.		Second year.		Third year.		Fourth year.		Postgraduate and special.		Total.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States.....	327,046	375,808	210,418	263,550	143,588	191,378	107,295	154,272	2,996	4,981	791,343	989,989
Alabama.....	3,477	4,210	2,442	3,062	1,619	2,266	1,014	1,465	36	107	8,588	11,110
Arizona.....	1,061	1,291	582	757	325	476	256	405	30	49	2,254	2,978
Arkansas.....	2,425	2,906	1,721	2,197	1,215	1,687	801	1,260	26	45	6,188	8,095
California.....	21,038	22,660	11,309	14,204	7,797	9,850	6,331	7,989	729	1,509	47,204	56,242
Colorado.....	3,923	4,670	2,626	3,282	1,709	2,315	1,215	1,893	17	41	9,490	12,201
Connecticut.....	5,164	5,643	3,420	3,748	2,179	2,901	1,527	2,359	63	73	12,353	14,724
Delaware.....	700	762	301	370	171	270	115	199	3	13	1,290	1,614
Dist. Columbia.....	1,586	2,025	1,122	1,197	657	752	303	598	.....	.....	3,868	4,602
Florida.....	1,615	2,271	1,016	1,409	655	985	433	768	3	14	3,722	5,447
Georgia.....	3,519	4,536	2,459	3,298	1,753	2,536	1,063	1,663	51	4	8,845	12,037
Idaho.....	2,004	2,251	1,130	1,493	723	1,039	608	828	1	1	4,466	5,612
Illinois.....	24,253	27,121	14,694	17,586	9,382	11,360	7,209	9,250	108	269	55,646	65,586
Indiana.....	11,294	12,529	7,822	9,110	5,786	7,056	4,887	6,150	22	36	29,811	34,881
Iowa.....	10,613	12,955	7,133	10,325	5,668	8,546	4,618	7,402	25	61	28,737	39,289
Kansas.....	9,218	10,865	6,163	8,465	4,177	6,284	3,185	5,246	85	163	22,828	31,023
Kentucky.....	3,492	5,093	1,914	2,948	1,432	2,186	1,060	1,877	.....	.....	7,898	12,104
Louisiana.....	2,534	3,488	1,936	2,629	1,061	1,970	1,309	1,710	.....	.....	5,841	9,396
Maine.....	3,057	3,662	2,281	2,706	1,620	2,196	1,223	1,840	39	24	8,220	10,428
Maryland.....	3,092	3,494	1,657	2,337	1,159	1,762	933	1,299	9	18	6,550	8,910
Massachusetts.....	13,531	14,352	10,164	12,139	7,240	9,089	5,447	8,034	259	362	36,641	43,976
Michigan.....	12,181	13,819	7,901	9,783	5,720	7,314	4,218	6,199	48	50	30,068	37,165
Minnesota.....	7,994	10,151	5,561	7,888	3,885	5,971	3,134	5,399	8	58	20,582	29,467
Mississippi.....	1,871	2,262	1,529	1,937	1,127	1,614	812	1,303	.....	.....	5,339	7,116
Missouri.....	9,899	12,228	6,777	9,009	4,532	6,471	3,526	5,356	71	110	24,805	33,174
Montana.....	2,455	3,037	1,486	1,979	971	1,521	653	1,094	181	184	5,746	7,815
Nebraska.....	5,913	7,388	3,807	5,301	2,646	4,090	2,072	3,392	312	355	14,750	20,526
Nevada.....	357	378	182	260	141	184	91	155	6	23	777	1,000
New Hampshire.....	1,370	1,538	1,008	1,171	694	937	567	873	26	18	3,665	4,537
New Jersey.....	11,570	12,322	6,737	7,489	4,593	5,047	3,231	4,012	50	46	26,181	28,916
New Mexico.....	728	896	488	625	297	412	230	295	9	20	1,752	2,248
New York.....	35,407	35,125	22,444	23,873	13,223	15,437	8,894	9,268	412	667	80,380	84,370
North Carolina.....	4,653	5,520	2,735	3,675	1,797	2,785	1,091	1,920	.....	.....	10,276	13,900
North Dakota.....	2,259	3,095	1,231	2,034	905	1,497	704	1,344	8	8	5,107	7,978
Ohio.....	19,558	21,574	13,968	16,377	9,926	12,173	7,826	10,578	7	13	51,285	60,715
Oklahoma.....	6,576	8,787	3,775	5,535	2,492	3,837	1,913	3,384	54	82	14,810	21,625
Oregon.....	3,973	4,963	2,575	3,504	1,854	2,537	1,503	2,282	41	74	9,946	13,360
Pennsylvania.....	22,890	25,337	14,914	17,446	10,293	12,597	7,368	10,442	52	45	55,517	65,867
Rhode Island.....	1,778	1,997	876	1,330	747	945	496	710	8	12	3,905	4,994
South Carolina.....	1,102	1,601	811	1,252	494	933	257	646	.....	.....	2,664	4,432
South Dakota.....	2,104	2,750	1,298	2,040	964	1,541	692	1,294	11	20	5,069	7,645
Tennessee.....	3,374	4,376	1,926	2,963	1,289	1,971	881	1,486	11	14	7,481	10,810
Texas.....	12,601	15,122	7,729	10,473	5,428	7,950	3,983	6,135	.....	.....	29,741	39,680
Utah.....	2,606	2,822	1,490	1,738	845	983	612	681	12	39	5,565	6,263
Vermont.....	1,323	1,483	837	1,126	679	952	482	800	15	19	3,336	4,380
Virginia.....	4,056	5,322	2,587	3,792	1,746	2,906	1,349	2,358	15	24	9,753	14,402
Washington.....	7,710	9,231	4,463	5,918	3,239	4,134	2,289	3,585	12	32	17,713	22,900
West Virginia.....	2,610	3,280	1,788	2,482	1,375	1,807	976	1,528	12	35	6,761	9,132
Wisconsin.....	9,829	11,722	6,590	8,730	5,102	6,860	4,120	5,591	105	223	26,046	33,126
Wyoming.....	703	868	433	558	256	416	187	328	4	21	1,583	2,191
Outlying possession:												
Porto Rico.....	529	569	285	419	195	292	138	212	.....	.....	.....	.....

TABLE 11.—*Per cent of population 18 years of age graduated from a four-year course in public and private high schools, 1919-20.*

States.	Population 18 years of age, 1920.	Graduates from a four-year course in public high schools.	Per cent of population 18 years of age.	Graduates from a four-year course in private high schools.	Per cent of population 18 years of age.	Total graduates from a high-school course of four years.	Per cent of population 18 years of age.
1	2	3	4	5	6	7	8
Continental United States.....	1,910,046	220,326	11.5	21,804	1.2	242,130	12.7
Alabama.....	49,816	1,926	3.9	269	.5	2,195	4.4
Arizona.....	6,132	570	9.3	30	.5	600	9.8
Arkansas.....	37,787	1,544	4.1	94	.2	1,638	4.3
California.....	52,081	10,620	20.4	698	1.3	11,318	21.7
Colorado.....	15,590	2,772	17.8	117	.7	2,889	18.5
Connecticut.....	21,312	3,595	16.9	578	2.7	4,173	19.6
Delaware.....	3,656	250	6.9	42	1.1	292	8.0
Dist. Columbia.....	7,201	850	11.8	170	2.4	1,020	14.2
Florida.....	19,350	905	4.7	112	.6	1,017	5.3
Georgia.....	63,885	2,119	3.3	400	.6	2,519	3.9
Idaho.....	7,470	1,200	16.1	96	1.3	1,296	17.4
Illinois.....	109,632	15,383	14.1	1,239	1.1	16,622	15.2
Indiana.....	51,393	9,676	18.8	399	.8	10,075	19.6
Iowa.....	42,697	10,259	24.1	608	1.4	10,867	25.5
Kansas.....	31,941	7,044	22.1	333	1.0	7,377	23.1
Kentucky.....	47,549	2,489	5.3	393	.8	2,882	6.1
Louisiana.....	38,322	1,721	4.5	271	.7	1,992	5.2
Maine.....	12,733	2,835	22.3	804	6.3	3,639	28.6
Maryland.....	26,707	1,883	7.0	261	1.0	2,144	8.0
Massachusetts.....	60,124	11,730	19.5	1,687	2.8	13,417	22.3
Michigan.....	59,743	9,246	15.5	645	1.1	9,891	16.6
Minnesota.....	43,491	7,413	17.0	807	1.9	8,220	18.9
Mississippi.....	40,193	1,663	4.1	265	.7	1,928	4.8
Missouri.....	62,034	7,358	11.9	572	.9	7,930	12.8
Montana.....	8,188	1,338	18.8	142	1.7	1,680	20.5
Nebraska.....	23,478	4,827	20.5	158	.7	4,985	21.2
Nevada.....	1,010	227	22.5	.....	.....	227	22.5
New Hampshire.....	6,978	1,243	17.8	395	5.7	1,638	23.5
New Jersey.....	50,868	6,234	12.3	586	1.1	6,820	13.4
New Mexico.....	7,194	440	6.1	40	.6	480	6.7
New York.....	165,098	16,019	9.7	2,669	1.6	18,688	11.3
North Carolina.....	54,812	2,503	4.5	699	1.3	3,202	5.8
North Dakota.....	11,746	1,828	15.6	71	.6	1,899	16.2
Ohio.....	96,367	15,595	16.2	658	.7	16,253	19.9
Oklahoma.....	42,575	4,562	10.7	98	.3	4,660	11.0
Oregon.....	12,727	3,198	25.1	137	1.1	3,335	26.2
Pennsylvania.....	145,978	15,330	10.5	1,808	1.2	17,138	11.7
Rhode Island.....	10,521	1,083	10.3	230	2.2	1,313	12.5
South Carolina.....	38,655	646	1.7	217	.5	863	2.2
South Dakota.....	11,675	1,720	14.7	107	.9	1,827	15.6
Tennessee.....	48,762	1,963	4.0	510	1.1	2,473	5.1
Texas.....	98,991	8,055	8.1	397	.4	8,452	8.5
Utah.....	8,794	1,082	12.3	379	4.3	1,461	16.6
Vermont.....	5,723	1,234	21.6	358	6.2	1,592	27.8
Virginia.....	49,061	2,567	5.2	535	1.1	3,102	6.3
Washington.....	21,460	5,149	24.0	191	.9	5,340	24.9
West Virginia.....	28,805	2,190	7.6	116	.4	2,306	8.0
Wisconsin.....	46,772	5,615	12.0	402	.9	6,017	12.9
Wyoming.....	2,969	427	14.4	11	.4	438	14.8
Outlying possessions:							
Hawaii.....				61	.....	61	.....
Porto Rico.....		318	.....	24	.....	342	.....

TABLE 12.—*Per cent of pupils in public high schools in each year of a four-year course, 1919-20.*

Years of course.	Per cent of pupils.	
	Boys.	Girls.
First year.....	41.3	38.0
Second year.....	26.6	26.6
Third year.....	18.1	19.3
Fourth year.....	13.6	15.6
Postgraduate and special.....	.4	.5
Total.....	100.0	100.0



